Draftsman, GS-5, 6, 7, Code 3552 - Pre-

Sarah, Walleye, etc.
Electronic Technician, GS-9, 11, Code 3519

-Fabricates portions of electronic RF systems, circuits, devices and/or components

ents, layout design, determine operating characteristics, make modifications, evalu-ate in terms of requirements and make

Electronic Engineer, GS-9, 11, 12, Code 3512 — Responsible for design, fabrication, test and evaluation of solid-state television

er supplies. Includes evaluation of commer-cially available equipment both off-the-shelf and proposed, with trade-off studies to de-termine whether to buy or build.

Aircraft Electrician, WB-11, Code 18 —

Fabricates interconnecting electrical cables in target aircraft drones, laying out, as-

sembling, and installing. Frequently wires electrical and electronic components for intallation that are one-of-a-kind and removes

of tests or upon aircraft turn-in.
File application for above with Mary
Morrison, Rm. 32, Bldg. 34, Phone 72032.
Supervisory Clerk (Typing), GS-301-5, Code
7083, PD No. 670020 — This position is

Head, Work Reception and Control Branch, Maintenance Control Division, Pub-

lic Works Department. The incumbent is

and recording of all incoming work re

ments, maintenance, repairs and service

work. Controls the step - by - step processing of work requests, inspection reports

and inspection frequency records, and st

Serves as Accounts Maintenance Clerk for the Navy Commissary Store. Maintains and processes records on the dollar accounta-

File applications for above with Naomi Campbell, Bldg. 34, Rm. 28, Ext. 72218.
Engineering Technician (Mechanical), GS-802-7 to 11, Code 4573 — Works directly with Project Engineers helping to establish loading and test firing-schedules, projecting services programment of

viding engineering services, procurement of experimental ordnance material, prepara-tion and evaluation of test firing reports

and contract negotiations. Reviews program plans and evaluates time and cost schedules. Reviews drawings for accuracy and adequacy and initiates necessary changes. Processes, schedules and follows up re-

vises the inspection, receipt, stowage, issue

Sheet and Plate Metal Worker, WB-12, \$3.51 to \$3.81 per hour, Code 4553 — Lays

out, fabricates, fits, welds, and assembles metal hardware for ordnance programs

Works from blueprints, sketches and verb al instructions. Selects appropriate mate

machine tools, oxyacetylene cutting torch

metal fabrication and welding.
File applications for above with Naomi
Campbell, Bldg. 34, Rm. 28, Ext. 72218.

**GEBA Assessment 122** 

Members of GEBA-CLMAS

number 122 and 50 are now

Lake, Wednesday, Dec. 7.

Renshaw, China Lake.

Payments of \$1.20 may be

Now Due for Death

Of John H. Jones

consisting of steels, aluminum, bronze

ies for inventories in stores accounts

rtment's technical programs such as

mer U.S. career ambassador portional in number to the and advisor with U.S. delegations to the United Nations. told administrator -luncheoneers last Tuesday that only 5 percent of the work of the U.N. is political, and that 95 percent of it is expended in humanitarian, economic and so-

At the luncheon in the Officers Club held by the American Society for Public Administration, December 6, Miss Willis escorted ASPA members behind the U.N.'s public facade, and discussed the administrative picture of its many and varied activities.

Standard Of Living Gap During her talk she remark-

ed that the gap between the standard of living in advanced countries and that in the remaining third of the world's population in newly independent countries has been increasing. She said that it is to this problem that the 95 percent of the world body's nonpolitical effort is addressed.

Areas of especially fruitful work by UN agencies, Miss Willis noted, are in facilitating world trade, carried on by the Economic Committee for Europe; development work by the Economic Committee for the Far East; food for children and progress against children's diseases by UNICEF; and general health work by the World Health Organization.

Efficiency, Integrity Describing some of the administrative problems of the

UN, Miss Willis pointed out that the UN Charter requires that the staff be chosen for efficiency, integrity, and competency with due regard for geographical distribution

members coming from mem- foreign service.

6-Girl's name

11-Vacation place

12-Climbing plants 14-Prefix: not

15-Extremely terrible 17-Majority 18-Skill 20-Bristles

24-Girl's name

35-Heavenly body

39-Excess of solar

42-Preposition

43-Birds' homes

45-Sewing case

46-Devoured

48-Precipitous

50-French for

53-Tissue

56-Handles

59-Negligent

62-Canonized

1-Fright

2-Exists

DOWN

51-Take one's part

55-Teutonic deity

over lunar year

36-Mends

26-Globe 28-Printer's

CROSSWORD PUZZLE

4-Goddess of discord 5-Scatter 6-Solicitor at

law (abbr.)
7-Three-toed sloth
8-Male sheep
9-Ox of Celebes

11-Laughing 13-Prick painfully 16-Short jacket

19-Bridge tern

21-War god

22-Puff up

Miss Frances E. Willis, for- ber countries are to be procountry's budgetary contribution to the UN, she said. This makes particularly difficult the problem of getting staff representation from the under - developed new nations where skilled individuals are difficult to find and can least be spared by their countries. The bi-lingual requirement is also a severe problem in staffing from new member nations, she

UN staff members are required to be independent of the countries from which they come; that is, their allegiance must be primarily to the UN Secretary General.

All conferences must be interpreted simultaneously into the five official languages of the UN. The enormity of the documentation function is illustrated by the requirement that a six hour long session of the General Assembly must be transcribed into the five official languages with one hundred copies of the preliminary transcriptions provided to each member nation by 9:00 A.M. the morning after the confer-

In response to questions, Miss Willis stated that in her career as a Foreign Service employee she has found some politically appointed ambassadors to be very capable and some to be poorly qualified. She said she has never served under a poorly qualified career ambassador. She favors continuation of appointing of well qualified ambassadors on a political basis in order to infuse new ideas, approaches and special competence into the career service. The trend is toward an increasing proportion The UN Secretariat staff of career ambassadors in the

Answer to Previous Puzzle

47-Paradise 49-Entreaty 52-Dine 54-French for

57-Symbol for

For Use In Authorized Service Newspapers Only.

tellurium 58-Senior (abbr.) 60-Preposition

THE GLASS BOTTOM BOAT" (110 Min.) Doris Day, Rod Taylor

(Comedy in Color) Pretty widow has a run-in with a handsome space lab engineer who becomes her boss and misunderstandings lead to suspicion that she's a spy.

Space gadgetry and beautiful Catalina set the stage for laughs galore. (Adults, Youth, Children.) Short: "Gift Wrapped" (7 Min.)

SATURDAY DECEMBER 10 -MATINEE-"INDIAN PAINT" (91 Min.)

Johnny Crawford 1:00 p.m. Shorts: "Greyhounded Hare" (7 Min.) "Capt. Kidd No. 15" (16 Min.)

-EVENING-"COUNTERFEIT CONSTABLE" (86 Min.)
Robert Dhery, Diana Dors

7:00 p.m. (Comedy in Color) Pity the poor groom when, two days before his wedding date, he accidentally loses two front teeth inadvertently poses as a policeman rescues a ravishing movie star! It's all fun, this dental farce. (Adults, Youth.) Shorts: "Backwoods Bunny" (7 Min.) "Two On A Pass" (19 Min.)

SUNDAY-MONDAY DECEMBER 11-12 (110 Min.) Peter McEnery, Susan Hampshire

7:00 p.m. (Adventure in Color) Sure and begarrey tis a tale of a wild Irish lad whose duty tion and prison 'til he duels his way a successful rebellion in this action-fil and humorous account of the green. A super Disney film. Adults, Youth and Children.)

TUESDAY-WEDNESDAY DECEMBER 13-14
"THE ENDLESS SUMMER" (95 Min.)

Surfing around the world.
7:00 p.m.
(Adventure in Color) Mike and Bob travel 35,000 miles around the world testing the big waves in Africa, Australia, New Zeo-land, Tahiti, Hawaii and California in this award winning special. Even non-surfers will enjoy the BIG waves. (Adults, Youth and Children.) Short: "Paul Bunyan" (16 Min.)

RSDAY-FRIDAY DECEMBER 15-16
"ONE SPY TOO MANY" (101 Min.) THURSDAY-FRIDAY Robert Vaughn, David McCallum, Dorothy Provine

U.N.C.L.E. sock 'em and rock 'em on big screen as they try to combat the r ation of Alexander the Great would rule the world with a gas that trols men. Pretty girls and suspense ga-lore! (Adults, Youth, Children.) Short: "Beep! Beep!" (Roadrunner) (7 Min.)

### **Clubs Are Warned** Of Fire Hazards **During Holidays**

It is common for most of the clubs and organizations on the Station to accelerate their social schedule and activities during the Holiday Season.

A word of caution however. All groups, especially those that occupy space in the Bishop area, should be constantly alert to the dangers of fire These buildings are adequate for the purpose they serve but they are also wooden and combustible. Statistics clearly Tuesday, Dec. 13 show the Holiday Season to be the worst fire season.

The Community Relations Office strongly recommends that each group, using a building or segment, appoint at least one member of the group to be responsible for emptying the trash cans, ash trays and to turn off stoves.

If club space is lost due to fire or neglect, it will be a total loss and not subject to replacement.

#### Blue Cross Ins. Agent To Visit Station Wed.

Norman R. Smith, Blue Cross Representative from Bakersfield, will be aboard the Station on Wednesday, December 14, at the Community Center from 9 a.m. to 4 p.m., according to T. J. Haycock, Head, Employee Management Rela-

#### Federal Campaign **PROMOTIONAL OPPORTUNITIES Completes Drive** (Continued from Page 2) With \$5,500 Gain

China Lake employees, in the recently concluded Combined Federal Campaign Fund drive, again proved their pride and compassion by donating \$42,-508.62. This year's effort exceeded that of 1965 by \$5,500,

The donors, who specified a particular application for their gift, reflected a growing interest in matters of health. In 1965, the designated percentage for National Health Agencies was 21 percent and in 1966 it is almost 26 percent.

The sum allocated, by donors, to International Service Agencies is 9 percent, which is 1 percent greater than 1965. The remainder, or 65 percent of directed donations goes to the United Fund. It is from the United Fund that local charitable needs are met. Those donations received without a designated recipient are divided up along the same general

The United Fund will receive \$27,880.04, National Health Agency \$10,854.53 and International Service Agencies \$3774.05.

the branch.
File applications with Dara Childers, Rm.
32, Code 657, Phone 71393.
Accounts Maintenance Clerk, G5-520-4, (Part-time, 36 hours per week), Code 28-

Chairman of this year's very successful campaign was Clarence J. Renne of Code 45, ably assisted by Keymen in all Departments and Commands.

#### **Viet Nam Marines To Benefit From Area VFW Dinner**

The Lloyd E. Frost Ship 4084 of the VFW, and its Auxiliary, will sponsor a spaghetti dinner at the hall tonight from 5

Proceeds from the dinner will go to purchase Christmas gifts for the Marine company in Viet Nam, "adopted" by the local unit.

This dinner is for members and guests, and tickets are available at \$1 for adults and 50 cents for children at the door or from any member.

## Social Security Rep. At Community Center

All China Lakers with ques- due as a result of the death tions about Social Security pro- of John H. Johns, an employee visions may contact a repre- of Michelson Lab. Machine sentative from the Administra- Shop, who died of a heart attion here next Tuesday, De- tack at his home at China

He will be at the Community Center from 2 to 4:30 p.m., mailed to Joseph M. Becker, and is available for consulta- Secretary - Treasurer at 77-B

From PLACE STAMP HERE

# VX-5 Forms Detachment In New Hampshire

### LCdr. T. L. Lloyd **Assumes Command** Of Nashua Unit



LCdr. Theodore L. Lloyd, Jr.

Nashua, New Hampshire, is the location for a second distant operating detachment of VX-5, recently established under the command of LCdr. Theodore L. Lloyd, Jr.

At Nashua the new detachment is assigned projects concerned with the development and evaluation of advanced electrical components in Naval attack aircraft.

According to Capt. W. B. Muncie, VX-5 Commander, the site at Nashua was selected because of its proximity to electronic range facilities and favorable logistic support. He announced the unit's formation this week.

The first permanent detachment established for VX-5, also by the Chief of Naval Operations, is located at Oceana, Virginia, with LCdr. T. H. Mathews as Officer in Charge.

Serving at the new site at Nashua under LCdr. Lloyd are Lt. Alec R. Blunden, Lt. V. F. Jackson, ATC R. J. Weidinger and AMS2 K. E. Wheeler.

# **Gemini 12 Movie Station Theatre**

A 25-minute unclassified mo-

Some of the features of the film will include: Gemini 4 EVA, Underwater Simulation, Radar Lock on Problems with Agena, Primary Propulsion System (Agena) Problem, Photos of Solar Eclipse, Stand-up Star Photography, EVA, Fethered Flight, Stand-up Ultra - violet of Re-entry. Admission is free.



Vol. XXI, No. 49

Friday, December 9, 1966

# China Lake Sailor Responsible For Aid To Kernville Victims



PACKING UP FOR KERNVILLE - Volunteers in Wednesday's relief mission to floodswept Kernville load high stacks of food, clothing, bedding and other donations from China Lake and Ridgecrest families aboard a Navy five-ton truck. Truck was almost completely loaded with donations collected between 10 a.m. and 3 p.m. in response to radio appeals. Thanks to phone efforts of HM2 Roger Kennedy, Station Hospital, Vern

Smith's service station and workers were available for collecting and loading, and Public Works men came through with truck. In loading operations (above) are Richard Schubert (T-shirt), on leave from Travis AFB; Paul Brady (center) and Harry Joers, working on truck bed; as Jesse Pearson of Transportation Div. and Vern Smith (I-r) bring up more goods. Truck left for Inyokern pickup, then Kernville, at 3:30 p.m.

### Sailor and KLOA Initiate Project For Flooded Area

BY JOHN R. McCABE

A China Lake sailor and Ridgecrest radio station teamed up early Wednesday morning, December 7, to send off a Navy truck full of clothes, bedding, dinnerware, canned food and other relief donations to flood-ravaged Kernville.

HM2 Roger Kennedy, early Wednesday morning at work in the Station Hospital medical storeroom, responded to a radio request on station KLOA for emergency supply uonations for stranded and homeless Kernville residents. He telephoned Ridgecrest businesses, Public Works Department's Transportation Division and fellow China Lakers, and organized the collection of relief goods at Vern Smith's Chevron Station. There, they were loaded on a Navy five-ton stake truck and driven off at 3:30 p.m. to Kernville by Jesse Pearson and Ken Schubert of Transportation Division and Schubert's son Richard, on leave from Travis Air Force Base.

"Carole Plante, a co-worker of Kennedy's, lives in Weldon, and she was telling me about how she couldn't get into her house because of the flood, and about how her neighbors lost their home," said Kennedy. "Then I heard an appeal for donations of relief supplies and vehicles to take them up to Kernville over the radio.

"So I got on the phone and got hold of Vern Smith, who agreed to collect the supplies, then called KLOA and told them about it."

The response that followed was so effective that Roger soon had to get back on the phone to round up help in picking up donations from China Lake homes. Mrs. Carol Chatterton, for one, did double duty delivering items on behalf of donors to the service station collection point. She also volunteered to continue her service as long as needed.

In only four hours from the time the Valley residents were notified of the project over the radio - between 10 a.m. and 3 p.m. - enough goods were stacked, eight feet high, inside the service station to almost completely fill the Navy five-

The response to Kennedy's (Continued on Page 3)

# Will Be Shown At AN Kellar is Top NAF Plane Captain

the honor of "Plane Captain of

vie showing the summary of the Gemini 12 Mission will be shown at the Station Theatre tonight. The film will start 15 minutes after the regular fea-

A lively sense of responsibil- nings, as an electronics hobbyity and two years of on-the-job ist. training at NAF combined to boost AN Edwin L. Kellar into

the Month" this December. AN Kellar, a T-28 plane captain at NAF, came to NOTS in September, 1964, from boot training at San Diego. He enlisted in the Navy on May 25 of that year, and shipped over under the STAR program for another six years last June.

job home with him in the eve- flying outfit.

His duty at China Lake is nearly over though, and he plans to leave on December 20 for a year's duty aboard the USS Oriskany. As part of the Navy's STAR program, under which he reenlisted, Ed will attend Class "A" Aviation Support Equipment School at Memphis, Tennessee, after his

NAF's "Plane Captain of the Kellar is a native of Toledo, Month" honor is a new appear-Ohio, but calls Seattle, Wash- ance at NOTS, reinstituted last ington, his home town. He October as Capt. Rodney F. makes his home at 215-A Inde- Schall took command. AN Kel-Photography, and shown for pendence with his wife Cathe- lar is the third plane captain the first time the Pilot's View rine and daughter Linda, at NAF to receive the honor three months of age. He car- recently, which spotlights one ries part of his skills on the of the key jobs in any military



AN EDWIN L. KELLAR

## Beneficial Suggestion Cash Awards



BENEFICIAL SUGGESTION AWARDS -LCdr. Russell Myers Jr., Assistant Public Works Officer, presented six Beneficial Suggestion Awards recently. The six cash winners from left to right are, Charles W.

Rock, \$90; Marvin S. Terrell Jr., \$15; John W. Brewer and Oliver Llewellyn who split \$20; George Perrige and James M. Huges (absent) split \$15; and Frank M. Andreason. -Photo by PH1 Gary Bird

needs and openings in mind.

The applicant is advised to pre-

problem he has suggested,

within an area of investigation

entific advisor under whom he

Awards of assistantships are

to be made for NOTS about

April 1, 1967. The deadline for

applications is February 10.

1967. The assistantships are to

begin after July 1 and contin-

ue for one year, with provi-

sion for a vacation period. The

positions, amounting to tempo-

rary Civil Service positions.

can be renewed for a one-year

stipend of each assistantship is

NOTS will join 11 other Gov-

ernment activities in the assist-

antship program, which in its

last six years of operation has

tions and 37 appointments in

1961 to 160 applications and

62 appointments this year, with

many going to larger organi-

zations, long - established in

the program, such as the Ag-

ricultural Research Service and

Christmas Lunch

Set By WACOM

The WACOM Christmas Bou-

tique Luncheon will be held at

the Commissioned Officers'

Club at noon on Tuesday,

December 13. Members may

Decorations, ornaments and

confections will be on sale dur-

ing the luncheon and the Bur-

roughs High School Choir will

Reservations may be made

by calling Gean Romero at

72928 or Marge Cruise at

bring guests.

to be \$10,927.

# Station Joins Other Laboratories **In Postdoctoral Research Program**

Station has recently joined eleven other Government laboratories and research facilities around the country in offering, beginning this summer, postdoctoral research associate- of its possibilities. He points listed by the participating agships to young scientists under a program started in 1955 by the National Research Council.

Under this program, NOTS expects to welcome at least two research associates this coming June; one in physics and one in chemistry, according to Dr. Arnold T. Nielsen, chairman of the NOTS committee set up here to administer the Station's part in the pro-

Other members of the committee are Albert G. Hoyem, NOTS Education Director, Dr. Gilbert Plain, associate head of the Research Department and acting head of its Physics Division; Dr. Thomas S. Amlie, head of Development Division No. 4 of the Aviation Ordnance Department; and Dr. Ivar E. Highberg, head of the Systems Development Department.

The purpose of the National Research Council's Postdoctoral Resident Research Associateships is to provide young researchers of exceptional ability and promise an opportunity Research Institute, and Dr. for advanced training in basic Clifford A. Bunton, professor research. The initial program of chemistry in the Departhere includes physics and ment of Chemistry, University ards. chemistry, with a mathematics of California at Santa Barbara, program to be added in the visited NOTS and Michelson near future.

Some 12 years ago, according to the Office of Scientific Personnel (OSP), it appeared that a number of non-university research laboratories had resources in quality of staff al Research Council, to estaband in facilities which were greater than those of all but a few universities. This began a search for a way to put these resources to use in contributing to the development of young scientists.

was shown by the subsequent careers of the scientists who ency. had held National Research Council Postdoctoral Fellow- through their program commitships at universities in the tees, would consider the selec-

The Naval Ordnance Test years between World Wars I ted applicants with their own and II.

The Station's specific interest in joining this program sent evidence that a research started a year ago, with Dr. Nielsen leading investigation out that the Station stands to ency, is acceptable to the scigain from participation by promoting an exchange of ideas between new PhD's, and more seasoned scientists already

"This program will supplement our other programs which keep us abreast of the latest scientific developments, such as the Senior Fellowship Program," says Dr. Nielsen. "It will increase opportunities for interpersonal contact, so important to research, and aid in maintaining technical competence," he adds.

Through Dr. M. H. Trytten Director, and J. C. Boyce, Deputy Director of the OSP, the Station began steps to join the assistantship program by incosts and by inviting examina- ers in various positions. Totals tion of the Station's facilities have grown from 103 applicaby the Council.

In May of this year, Dr. Lloyd P. Smith, a physicist and Vice President of the Stanford Laboratory on behalf of the

By June, Capt. J. I. Hardy, ComNOTS, had received a proposal from John S. Coleman. Executive Officer of the Nation- For December 13 lish the program here.

According to the procedure of the assistantship program, an applicant would produce evidence of training in one of the fields open at the participating agencies, at the level of The OSP discovered that the PhD or ScD degrees, and usefulness of postdoctoral re- then would be considered by a search, a kind of internship, special committee appointed by OSP, the primary screening ag- sing Christmas Carols.

Then, participating agencies,

**Operation Tailgate Is Theme Of Safety Film** 

Due to the fact that following too closely or "tailgating" is the cause of nearly one-fifth streets and roads and one of the primary causes of freeway accidents, the danger of "tailgating" is being stressed at a holiday safety program at the Station Theatre on December 14 and 15 from 8:30 to 9:30 a.m. on both days.

Members of the California Highway Patrol, the Safety Department and the Security Department will be on hand to give tips on highway safety and the film "Freeway Driving Tactics" will be shown. While this program has been arranged for military and civilian personnel of NOTS, all interested persons are urged to attend.

The ultimate objective of "Operation Tailgate" is to encourage voluntary compliance by the driving public through increased understanding of minimum following distances and recognition of the dangers involved in following too close-

Discussions with drivers have disclosed that at best, most drivers have only a vague idea of stopping distances needed, and are not aware how risky it is to follow at about the same interval at 60 and 65 as they do at 40 miles per hour.

Allowing a following distance of one car length for each 10 miles per hour of speed is a fairly good rule, un-der good conditions and in light traffic. This is the average stopping distance for a passenger car.

It is based on a three-quarter second driver reaction time to give the driver a chance to get his foot on the brake and the average distance required to stop a car in good period, only. The annual gross condition on a good road surface after brakes are applied. However, weather conditions, the condition of the driver (fatigue or sobriety), conditions of the road and of the car itself (brakes, tires, etc.) are all vestigating procedures and included 279 young research- part of the total picture and make a good deal of differ-

At 65 miles per hour the average drivers need about 272 feet - almost the length of a of all accidents on surface football field - to bring any vehicle to a stop.

> The film that is being shown will give those attending a chance to check their reaction time. Also those attending will receive an average stopping distance guide. Check yourself. What is your reaction time? Check your following distance and don't be a "tailgater."

### Some Children **Accident Prone**

Confident children are safe children. It is more often the timid, fearful child - over-protected and restricted by a barrage of "don't" without alternative "do's" - who is the victim of home accidents.

Here are some basic safety precautions which will contribute to reducing accidents to

Don't ever leave an infant alone in the house, or unattended on a high surface or in a bath even for a moment.

Do provide children with a variety of safe toys, remembering that most infants and small children seek to put every object into the mouth.

Don't allow small children to rove at will in the kitchen. Do allow them to play in playpens or fenced off areas away from danger of hot fires, cooking foods and electric outlets.

Don't allow children to play near tempting tablecloths which can be pulled or near mop and broom closets or refrigerators.

Do provide playthings which simulate adult furnishings and teach the right uses for them, preventing formation of bad habits.

Do teach children flames may be pleasant to watch, but painful to touch. Bar play with matches.

Don't permit play with adult tools whether they are power tools or merely sharp edged or heavy blunt implements.



SAFE DRIVING AWARDS — Lt. Samuel McMullen, Security Officer, presents safe driving awards to NOTS Firemen. E. C. Shows, center, received a three year award and Gary M. Peek got a five year award. David A. Wilkie, not shown, received a 14 year award. Lt. McMullen also presented a NOTS and Federal 20 year pin to Margaret Porter.

# SeaBee Inspection Is Rated High NOTS Hosts Seminar The annual inspection of On Value Engineering



Friday, December 9, 1966

INSPECTION — High honors went to Construction Battalion Division 11-2 during their recent inspection. The Seabee unit was rated 3.45 out of a possible 4.0. Capt. J. B. Adams, CEC, USNR, the CEC Reserve Program Officer for COM11 was the senior member of the inspection team.



TWO ENLIST - Patrick H. McMurphy, center, and Arthur R. Koog enlisted in the local unit during the "Pass In Review." Koog was sworn in as a Boiler Tender 1st class and McMurphy entered as a Construction Electrician 2nd class.



RIFLEMAN MEDALS — Capt. H. J. Hartman, Public Works Officer, presents the Navy Expert Rifleman Medal to CEP2 J. N. Hunter. Chief P. M. Nelson (r) also received the medal during the ceremonies.

Construction Battalion Division 11-2, China Lake, by Commandant, Eleventh Naval District, was conducted December 3 and 4. Captain J. B. Adams, CEC, Value Engineering began Mon-USNR, the CEC Reserve Program Officer for COM11 was senior member of the inspection team composed of: Cdr. R. Esterbrooks, LCdr. R. Barber, LCdr. T. S. Maddock, LCdr. W. E. Catlin and Mr. Harry Schoenmacher.

Capt. H. J. Hartman, NOTS Public Works Officer and Resident Officer in Charge of Construction, conducted the Personnel Inspection which was held in the Public Works Department Office parking lot, a last minute change dictated due to water on the parking lot east of the EM Club.

During the "Pass In Review" ceremonies Arthur R. Koog and Patrick H. McMurphy were given the enlistment oath by Capt. Adams. Koog, who is a boiler plant operator in the Public Works Department. Code 70434, entered the Seabee unit as a Boiler Tender 1st class as a reenlistment. Mc-Murphy who is an electrician in Public Works Dept., Code 70431, entered as a Construction Electrician 2nd class under the Advanced Pay Grade program. Also during the ceremony Chief P. M. Nelson and CEP2 J. N. Hunter were presented Navy Expert Rifleman Medals by Capt. Hartman.

The inspecting officers commented on the units ability to function so well under the difficult situation of being isolated from a navy training cen-

Support for the local Seabee unit comes from the Navy and Marine Corps Training Center at Bakersfield. Cdr. Finley, who is Commanding Officer of the Training Center, was present as an observer. Also praised was the administrative and recruitment areas.

Commanding Officer, LCdr. R. D. Malone was specifically praised for his leadership and dedication to the Seabees as over last year.

The Senior Inspecting Officwith skills comparable to Sea- yard and (4) Merchants. bee rates who is interested can contact Cdr. W. E. Davis at ext. judging will include artistic nity National Bank. 723563; CMC P. M. Nelson at 375-2448 or EON2 C. M. Ebersberger at ext. 74662. The unit trains one weekend a month at 207 Blandy, China Lake.

### **Deadline Is Here** For Viet Nam Mail

The mailing deadline for fourth - class mail to Viet Nam servicemen has passed and the deadline for air-mailed gifts to reach Viet Nam prior to Christmas is December 10.

Postal authorities have indicated that mail tonnage is running approximately two and one half times more this year than last year.

BY MARTI PATRICK A two-week seminar in the erations as part of the overall Cost Reduction Program of Principles and Applications of

day, December 5, to instruct

employees from NOTS and oth-

er West Coast facilities in ap-

plying Value Engineering to

The idea of Value Engineer-

ing came from private indus-

try during World War II when

manufacturers were trying to

make products essential to the

war effort but often were con-

By experimenting with oth-

er materials, industrial re-

searchers found they were of-

product, while producing it at

Presently, the concept of ar-

riving at a better product at

a lower cost is making a wide

sweep through government op-

fronted with a shortage of con-

ventional materials.

their work.

lower cost.

The original idea of Value Engineering has expanded to include design and every facet of production, and was adopted in 1964 by Secretary of Defense Robert McNamara as a vital part of his cost-cutting operations in government.

the Department of Defense

At the NOTS seminar the students will spend about half of their 80 hours of classroom time listening to lectures, the other half in working on a specific project which they must find a better and less costly ten able to improve on the method to make by the end of the session.

> Value Engineering underscores the word "better" in its program. Its concept cannot include any reduction in the reliability of the part or product.



DISCUSS SEMINAR - Leon R. Swenson, Value Engineering Program Manager, Naval Air Station, North Island, R. E. "Bud" Meyers, Head Value Engineering, San Francisco Bay Naval Shipyard, Hunters Point Division, and Wayne G. Zellmer, NOTS Value Engineering Group and coordinator of the course, discuss one of the training booklets to be used during the two week seminar.

### **Decoration Contest**

The China Lake Community merit, originality, ingenuity Council and the Ridgecrest and lighting technique. Best Chamber of Commerce are window and best yard display sponsoring the 1966 Christmas evidenced by both the high Decorating Contest, with four third places will be \$25, \$15 morale of his division and the different categories for judglarge amount of extra hours he ing and \$150 in prizes for winspends on division matters. The ners of residence decorations tentative overall mark assign- and a perpetual trophy for the ed was 3.45 out of a possible winning merchant, announced 4.0. This is an improvement Dick Hitt, chairman of Council's Contest committee.

The judging categories are er advised that additional bil- (1) Best residence window dec- Commerce is Gene Smith. lets are available to the China oration, (2) Best outside yard Lake unit under the Advanced decoration, (3) Sweepstakes — be obtained through the Com-Pay Grade Program. Anyone decorating of both window and munity Council from Marion

and \$10, respectively. The Sweepstakes prize is \$50.00. Contest representatives from the Council are Dick Hitt, Wardna Abernathy, and Larry

prizes for first, second and

Mason. Committee chairman from Ridgecrest Chamber of Additional entry blanks may

Carter in the Community Re-Hitt said that criteria for lations Office, and the Commu-

### **Christmas Home Decoration** Contest Entry Application

I will have an entry in the following division of the Christmas Home Decoration Contest, sponsored jointly by the China Lake Community Council and the Ridgecrest Chamber of Commerce.

Check one only:

☐ Window Decorations

**Outside Yard Decorations** Sweepstakes (requires both window and outside yard decorations).

Name Address

Entries must be mailed to the Christmas Home Decorating Contest, c/o Community National Bank, P. O. Box 367, Ridgecrest, Calif. The deadline for receipt of entries is Saturday, Dec. 17.

# NOTS Pasadena Their Generous Gifts



H. MORI (back to camera) explains the work accomplished in the Simulation and Computer Center to Cdr. R. E. McCabe, Commander of Escort Squadron 3 (third from left) and Officers of his squadron. Directly

behind Mori is Lt. H. G. Walker, NOTS Pasadena Operations Officer, who hosted the visitors. Escort Squadron 3 is homeported in San Diego.

-Photo by PH2 Ralph Robey

**PROMOTIONAL** 

**OPPORTUNITIES** 

To apply for positions, con-

tact Christine Marchand, Pasa-

dena Personnel Division, Ex-

tension 278. A current SF-58

must be submitted when apply-

Model Maker (Sheet & Metal),

WB-14; Hourly salary range:

\$3.57 to \$3.87, JD No. P-32,

Code P8084-From blueprints,

sketches, written and oral in-

structions, selects material,

lays out work and fabricates

models and fixtures. Uses met-

al working machines and hand

tools. Assembles by heliarc

welding, gas and arc welding,

bolting and riveting. Must un-

derstand metal characteristics,

precision and measuring devic-

es and metal working tools.

Supervisory Procurement Clerk, GS-5, PD No. 5P25014,

Code P2563 - Supervises and

performs, as required, prepar-

ation, reproduction and distri-

bution of contract documents

and modifications thereto. Ap-

plicants must be familiar with

the basic principles, contract

concerned with the formulation

of a formal two party contract.

Responsibility includes work-

load planning and work assign-

ments as well as the full su-

MISSILE BRANCH HEAD, R.

K. Heller (back to camera)

gives a briefing on the VAT

(Variable Atmospheric Tank)

 $\rightarrow$ 

format and procedural aspects

Duty station: Morris Dam.

**VOLUNTEER COMMITTEES for packages to Viet Nam view** the fruits of their labors as the shipment gets on its way. Left to right, Nell Lacratt, Myron Griest, Suzy Felix and -Photo by PH2 Ralph Robey Lynne Jordan.

#### **Viet Nam Christmas Drive Success**

NOTS Pasadena's annual Vi- in Viet Nam in response to an et Nam Christmas drive was appeal from that organization. again a success. Personnel responded wholeheartedly to a the volunteer Viet Nam Christ- Section. call for funds needed to send mas committee, stated that the record players to convalescing committee hopes to continue patients at the surgical hospital of the Hq. 1st Cavalry Division (Airmobile), Viet Nam.

Contributions amounted to \$184.18 and 55 record albums comed. were donated, as well as an assortment of single records. Two transistor, stereophonic record players were sent to the 1st and chess. Record albums, games and all-occasion greeting cards were sent to the USO

Lynne Jordan, chairman of pervisory responsibility for the sending needed items to Viet Nam on a year-round basis. Assistance and/or items and

fund donations will be welto Brigham Young University students. In the fifth year She also stated that a few graduating class, the studnames and addresses of 1st dents' tour through NOTS laboratories was part of an Cavalry personnel who would Electrical Engineering Bachlike to receive letters are avail-Cavalry together with purchas- able. Personnel interested in elor Graduate's Field Trip. ed and donated record albums assisting the committee or in They were accompanied by and games such as checkers writing to the servicemen may two BYU faculty members-Dr. J. J. Johnson and Paul contact Lynne Jordan or Nell LaCraft, extension 625, Foot-Watts. Dr. R. A. Nielsen hosted the group.

# **Personnel Praised For**

al Campaign officially ended last year's record. on November 14, 1966. The Pasadena Annex, including Long Beach, Morris Dam and San Clemente Island, can be justifiably proud of their recyear's campaign," reports Fund Drive Chairman, Cdr. H. F. Burns, Associate Director of

A total of \$9,415.61 was donated by a total of 728 civilian ity need." and military personnel. This represents a slight increase in the percentage of contributions over the previous year's 63 eral Campaign, especially the percent, but more significantly, it represents an increase of and attention to such a worth-

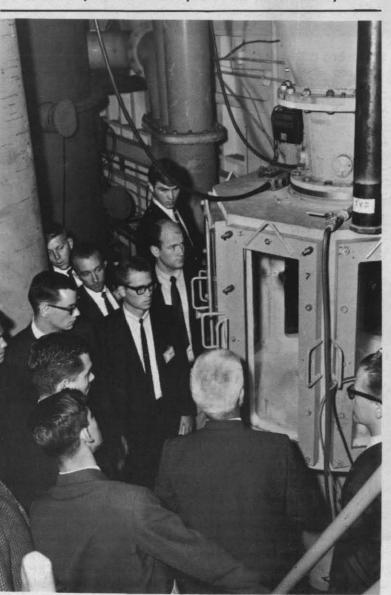
"The 1967 Combined Feder- or a 67 percent increase over

The station was congratulat ed by Rear Admiral C. B. Jones, Commander, U.S. Naval Base Los Angeles for "the highly successful completion ord of participation in this of the Combined Federal Campaign at your activity. Your per capita contribution of \$12.90 is indicative of command attention and a thorough understanding of the commun-

Cdr. Burns extends sincere thanks to all who participated in this year's Combined Fedkeymen who gave their time \$5.19 per capita contribution while endeavor.



A. J. TICKNER, Head, Guidance and Control Division (r) recently hosted visitors from the Mine Defense Laboratory, Panama City, Florida. (I-r) L. W. Owen, Heads the Torpedo Countermeasure and Inshore Warfare Division at that facility while C. M. Callahan is Head of the Simulation and Computer Center. L. Z. Maudlin, Head of the Simulation and Computer Center at NOTS, Pasadena (third from left), joins in the discussion as they watch the simulation of a countermeasure problem on the plotter in the laboratory.



#### **Get Saigon Duty**

Friday, December 9, 1966



LT. GERALD E. THALKEN



LT. (jg) JAMES LA FORTUNE

VIET NAM BOUND - Two officers, one from NOTS and one from VX-5, were recently informed that they are to be assigned to Saigon, South Viet Nam. Lt. Gerald E. Thalken, who has been the Commander's Aide since March, 1965 is due to report to his new assignment next March after several weeks school in Coronado. Lt. (jg) James M. LaFortune, VX-5 Public Affairs Officer since January, 1965, is also slated for school in Coronado but will report to his overseas assignment in February.

#### **Support Center Salutes NOTS** In Publication

The Subsistence Regional Headquarters, Defense Personnel Support Center, Los Angeles, this month saluted NOTS as being the Navy's largest and search and development cen- January 20.

In their December publication, they stated that from a few quonset huts on the barren Mojave Desert, the Station has grown to a landscaped suburban community of 12,000

They went on to note that Civilian scientists and engineers conceive ideas for new weapons and carry these ideas also planned. to the final stage with military In addition to baskets for the personnel providing operation- needy, a large box was sent to al experience and bring to the Viet Nam recently with gifts attention of the Station the for families there. The group needs of the Fleet, and aid in also donated robes and pajagetting new weapons accepted mas to the Navy Hospital for and introduced into the Fleet. the use of children.

#### Sailor and KLOA **Initiate Project** For Flooded Area

(Continued from Page 1) call to Public Works was im-

mediate. Tom Boyd, head of its ed a truck to Walt Wilson, Schubert's branch head.

Households from Ridgecrest,

China Lake and Inyokern responded with quick donations as the project got rolling. The Emblem Club of the Ridgecrest Elks soon entered the action. As the loaded truck finally left Ridgecrest, it still had another load of relief items to pick up at Patricia's Beauty Room in Inyokern, another collection point recruited by HM2 Kennedy. Drivers Pearson. Schubert and son then headed east for Highway 178, described as "passable" to Kernville and their unloading point at Odd Fellows Hall.

A footnote to the spontaneous relief project of last Wednesday reveals that it was Transportation Division's second response to Kernville's flood emergency. On the previous day, Tuesday, the division had sent a four-wheel drive pickup truck and a five-ton and additional pay rates for stake truck with five members China Lake are as follows: of the Indian Wells Valley Search and Rescue Team, their emergency gear, and volunteer Public Works driver Gene Blurton to Kernville, through flood waters, in an offer of assisttravelled with the Rescue Team in a Security vehicle.

HM2 Robert Kennedy explains his concern for Kernville's need with words designed to distribute praise.

"This area depends heavily on Kernville for recreation all the year around, and a lot of people here like the area," he said. "So I figured something should be done to help them up there right away."

### **CPO Wives Club Elect Officers**, **Make Donations**

The Chief Petty Officers' Wives held their monthly meeting at the club on Monday, December 5, at which time the following officers were elect-

President, Mrs. Robert Packard; Vice President, Mrs. Carl Sprangle; Secretary, Mrs. A. D. Young and Treasurer, Mrs. Gary Steurer. The installation of most complete ordnance re- officers is tentatively set for

> Plans were also formulated at that time for a Christmas Party which will be held on Friday, December 16 at the

During the Thanksgiving holiday a basket was presented to the chaplain's office for distribution to a needy family. A similar Christmas basket is

### **Ungraded Workers Receive Pay Hike** As Result of a DOD Wage Survey

Annex have received pay in- Their Annex counterparts creases averaging 13 cents per were James A. Beckley (Code hour, as a result of the DOD Wage Survey in private indus-Transportation Division, releas- try recently completed in the Los Angeles area.

The new pay rates, which became effective December 4, resulted in an over-all increase of 3.9 per cent. New non-supervisory, hourly rates of pay for China Lake are as follows:

Level		Step 1	Step 2	Step 3	
1		\$2.60	\$2.71	\$2.82	
2		2.66	2.77	2.88	
3		2.74	2.85	2.96	
4		2.81	2.93	3.05	
5		2.89	3.01	3.13	
6		3.00	3.13	3.26	
7		3.12	3.25	3.38	
8		3.24	3.38	3.52	
9		3.36	3.50	3.64	
10		3.48	3.62	3.76	
11		3.59	3.74	3.89	
12		3.65	3.80	3.95	
13		3.72	3.87	4.02	
14		3.77	3.93	4.09	
15		3.83	3.99	4.15	
16		3.90	4.06	4.22	

Pasadena Annex rates are 6 cents less per hour than those listed above. New supervisory

B-\$0.30 E-\$0.75 K-\$1.87 C-\$0.45 F-\$0.94 L-\$2.06

(Pasadena Annex rates will ance. Lt. Samuel R. McMullen, vary from the table above by NOTS Security Officer, and Se- one to three cents less per curity Patrolman Carl Nyholm hour beginning with level B.) NOTS provided several em-

ployees to the Area Wage Survey Committee which managed the survey. John L. Smith (Code 657) Personnel Management Specialist, and Robert M. Briley (Code 5545) Toolmaker,

Are your windshield wipers operating at maximum efficiency? They may need replacing. Check them. It's better to find out now that they can't do the job instead of in a rain-

Ungraded employees at formed the wage data collec-China Lake and the Pasadena tion team from China Lake. Of 1967 Season P8094), and Lloyd Hagnas (Code P7122), both of whom are Planner and Estimators. John C. "Jack" Williams (Code 7041) Joiner, attended all committee meetings as the observer for the Indian Wells Valley Metal Trades Council of China Lake. Bill Blinkhorn (Code 655), head of the Wage and Classification Division, was the NOTS representative to the

#### **Laser Conference Held On Tuesday**

Area Wage Survey Committee.

Rain-soaked China Lake was the host Tuesday, December 6 to some 35 representatives of six California Naval research and development activities, besides NOTS, in the West Coast Naval Laboratories Laser Con-

A representative of each activity, including NOTS China Lake and NOTS Pasadena, presented a run-down on the latest work being done in the field at his activity. At the end of the day, a tour of facilities here devoted to laser projects introduced the conferees to such current NOTS interests as the three-axis laser gyro.

"The primary aim of the conference was to bring everyone in the group up to date on experimental work being done which has not yet progressed far enough to be published," said Dr. Julian Thompson of jects of laser materials and la- least a week. ser applications.

ment's Electronics Branch.

Two upcoming productions in the Community Light Opera and Theatre Association's 1967 season will need production directors and technical directors, the Association announced re-The productions are Rogers and Hammerstein's "The King and I" scheduled for late July, and Howard Teichmann's "The Girls in 509," a political come-

**Directors Needed** 

In CLOTA Plays

dy set for late October. Anyone interested in taking on any of these challenging positions is invited to call George Coulter at 375-5584

#### **New Device Aids Carrier Landing**

The Navy is installing an automatic engine-throttle-control on all first-line carrier - based jets to help pilots make safer landings, particularly during difficult night and all-weather operations.

Called "APC" for Approach Power Compensator, the automatic electronic device accurately controls airspeed during landing, a task previously performed by the pilot.

Developed by the Naval Air Systems Command, the device has been installed in F-8 Crusader and RA-5C Vigilante air-

#### **Gift Wrapping** Service Opens

A free Christmas gift-wrapping service for China Lake Systems Development Depart- servicemen will begin in a trail ment's Photophysics Branch. er in the Navy Exchange park-He noted that the presentations ing lot on Wednesday, Decemwere divided between the sub- ber 14, and continue for at

China Lake ladies operating Presenting discussions of the service say it will be open NOTS research and develop- from 11 a.m. to 5 p.m. every ment were Dr. Thompson and day from the 14th, with at least Dr. William D. Squire of Un- two ladies in the trailer at all derwater Ordnance Depart- times. Wrapping paper and rib-

# First Council Meeting In Kwajalein



ARRIVES IN KWAJALEIN — Capt. Atlee F. Clapp, left, NOTS Staff Assistant to the Commander, is greeted by Col. F. C. Healy, Commanding Officer, upon his arrival at the Kwajalein Test Site in the Marshall Islands for the 29th meeting of the National Range Commanders Council held recently. The Council is composed of the Com-

manders of the eight national missile ranges plus experts in various phases of range operation and instrumentation. The meeting was the first held at Kwajalein which is the newest national range. Fred M. Ashbrook, Division Head, Instrument Development Division, Code 304, attended the meeting with Capt, Clapp.

#### CHAPLAIN'S MESSAGE



# **Emanuel**

Senior Chaplain Paul Romantum

These are words from my favorite Advent hymn. We ought to use the four Sundays in Advent as a pilgrimage - a pilgrimage to Bethlehem to view again the wonder of the coming of God in the person of Jesus.

If the Advent season shall mean anything to you, you must observe it with the virtue of Christian humility. Without this spirit, Christmas will come and go and you will be all the

One of the distinctive features of biblical religion is its teaching about humility. Its opposite, pride, consists essentially in rebelliousness, which attributes to self the honor and glory that are due to God. Humility means trustfulness, and the proper attitude before God is seen in Jesus' trustfulness as it is anticipated in Mary's song, the Magnificat (Luke 1:46ff).

The coming of Jesus introduced a new virtue of Christian humility into the world. "Jesus, who though he was in the form of God . . . emptied himself, taking the form of a servant, being born in the likeness of men" (Philippians 2:6-8).

The humility of the Son of God is in his incarnation, for in becoming man he emptied himself, humbled himself, and though he was rich as the Divine Son, he became poor. This is what Christmas is all about and all of us are apt to forget this eternal truth when we get lost in the Christmas rush.

May the Advent season impress itself upon you as a pilgrimage of humility. Without the virtue, you cannot comprehend, "The wonder of divine humility, revealed in the manger at Bethlehem, in the life of a working man at Nazareth, or on the Cross at Golgotha which has led men in every succeeding age 'to pour contempt on all their pride.' "

It is tragic that many will miss Christ this Christmas because they are too proud to seek him with humility. If he is missed at Christmas when he comes so close to our hearts, we will miss him through the whole year. Phillips Brooks, the eloquent American minister, has captured this necessary virtue

"No ear may hear His coming, But in this world of sin, Where meek souls will receive Him, still the dear Christ enters in."

#### **STATION LIBRARY LISTS NEW BOOKS**

A complete list of new books Gruber-Resumes That Get is available in the library. Fiction Coxe-The Ring of Truth.

Gann-In the Company of Eagles.

Pohl-The If Reader of Science Fiction.

Non-Fiction Blaine-Youth and the Hazards of Affluence. Briand-In Search of Para-

Carson-The Polite Americans. Drago-Lost Bonanzas. Felleman-Poems That Live

Forever. Garthoff-Soviet Military Policy.

Jensen-Wonderful, Wonderful Danish Cooking. Monro-The Clubwoman's Manual.

Naismith-Private and Per-

Russell-Change and Challenge in American Education.

**New Reference Titles** Folomkina—The Learner's English-Russian Dictionary. Lapidus-The Learner's Russian-English Dictionary. Hammond-New Supreme World Atlas. Wint-Asia, A Handbook.

The Rocketeer Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California

Capt. John I. Hardy, USN Station Commander "J." Bibby Public Affairs Officer

Joan Raber News Bureau Frederick L. Richards Editor Staff Writers David L. Kimsey John R. McCabe

Staff Photographers PH1 Jerry Williams, PH1 David W. Hobbs, PH1 Gary D. Bird, PH3 Jerry Willey, SA Michael R. Reida, and PH2 Ralph Robey,

DEADLINES:

....Tuesday, 4:30 p.m. ....Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in 1958. Office at 50 King St., Bldg. 00929.



DIVINE

Christian Science (Chapel Annex)-Morning Service—10 a.m. Sunday School—10 a.m.

Protestant-(All Faith Chapel)-Morning Worship—8:15 and 11 a.m. Sunday School—9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Station Restaurant.

Roman Catholic (All Faith Chapel)-Holy Mass-7, 9:30 a.m., and 12:30 p.m. Daily Mass-11:30 a.m. in Blessed Sacrament Chapel.

Confessions-7 to 8:00 p.m. Saturday. NOTS Jewish Services (East Wing All Faith Chapel)-8 p.m. every first and third

Unitarian Fellowship - (Chapel Annex, 95

King Ave.) Sunday, 7:30 p.m.

first and third Saturday.

#### PROMOTIONAL **OPPORTUNITIES**

Clerk-DMT, GS-4, Code 5527, PD No. 655110 — Incumbent is secretary to the Head, Electronic Prototype Branch. Answers telephone, distributes mail, maintains Branch files, types and/or transcribes of ficial correspondence, reports, and memoranda, does timekeeping, travel, and other duties that are necessary for the smooth

operation of a branch office.

Engineering Technician, GS-11, Code 5517,
PD No. 255036-1 — Incumbent is involved in all types of environmental evaluating, particularly witherstandard evaluating. particularly vibration testing. As a senior test technician of the branch, the incumbent also engages in other mechanical testing such as structural evaluations and stress ysis. Charged with the responsibility of activities associated with the 7500 - force

pound, sine-random vibration system.

Inspector (Machined Parts) A JD No. 42-1,
Code 5512 — As an Inspector A, performs
difficult inspection of any kind, at any in-

Supervisory Electronic Engineer (5 o l i d State Devices) or Physicist (Supervisory), GS-12, PD No. 455053, Code 5522—Posi-tion is that of Head, Microelectronics Section. In addition to the normal duties of personnel supervision and technical direction, will have primary responsibility for selection of technical equipment to meet Station needs in the microelectronic area. Experience with thin-film and monolithic devices is desirable. Emphasis on (1) ability to organize work and manpower and (2) desire to learn and participate in the de sign and application of microelectronic de-vices and their fabrication techniques. Holders of advance degrees with a high interest in application of the newest advances in microelectronics and electronics physics are particularly encouraged to apply. Opportu-

nity for advancement exists.

Production Controller, GS-5, PD No. 655090, Code 5554 — Position physically located in the branch's sub-office at th performing contractor's off-station fac Does detailed planning, estimating, sched-uling and progressing of individual repro-duction and distribution job orders and maintains constant awareness of contractor progress in all phases of technical docu ment copy preparation and distribution Needs two years experience in work planning and progressing or the equivalent.

Must be able to carry 30 pounds or more.

Electronics Technician, GS-856-9, PD No.

Electronics Technician, GS-856-9, PD No. 355047-2, Code 5527 — Responsible for lab-oratory testing and alignment of electronic devices and equipment as well as the design and fabrication of same. Work will normally be documented in report form in addition to drawings, sketches, tabulations and graphs. Must have specific knowledge of the elements of guided missile guidance systems and associated test and evaluation

File application for above with Joan Cheever, Bldg. 34, Room 34, Phone 71514. Supervisory General Engineer, GS-12, Code 302 — Position is located in the Range Division of the Systems Development De-partment. The incumbent serves as a sec-tion head, responsible for the planning and conduction of ordnance preparation and testing on several ground test ranges.

Physicist or Electronic Engineer, GS-9, 11, or 12, Code 3011 — The incumbent will function as a Missile Weapon System Ana lyst in the Weapon Systems Analysis Branch Specifically the duties are: (1) Planning of overall project activity (2) Analysis of math models of specific weapon system components (3) Analog and Digital Computer programming and implementation of math models and (4) Consulting and reporting to U.S. Naval Ordnance Test Station program manager and the NAVORDSYSCOM program manager. Knowledge in the following areas is required; Laplace and Z transforms, automatic control system theory, and digital and analog computer systems and their associated programming techniques.

Electronic Engineer, GS-12, PD No. 230017, Code 302 — Position is that of Test Conductor for the Electronic Warfare Complex.

A new facility presently being built-up by the Systems Development Department for the study of electronic counter measures and aircraft tactics versus surface to air missiles. The incumbent's primary responsi-bility will be the technical direction and coordination of the personnel and equipment of the facility during the conduct of assigned test programs. Test planning and establishment of testing techniques and procedures will be an important portion of the position. The initial problem assignment will be as a consultant during the

Electronics Technician, GS-9, 10, or 11, SERVICES PD No. 130169, Code 3073 - Supervises and/or performs the fabrication, installa-tion, checkout, and calibration of sled-borne radio-link and landline telemetering sys-tems and equipment used to acquire data on tests conducted on the Station's supe sonic tracks . . . SNORT, B-4 and G-4. Performs or supervises the calibration of trans ducers and telemeters in the SNORT Cali bration Laboratory. Excellent opportunity to gain experience with electronic data ac-quisition systems, and to develop competency in electronic measurement techniques and calibration procedures.

Electronic Engineer (Instrumentation), GS-9, PD No. 28852, GS-11, PD No. 28851, GS-12, PD No. 30066, Code 3073 - Performs electronic engineering related to electron-ic data acquisition, timing, control, and time position systems applied to tests conduc ed on the supersonic test tracks, SNORT, B-4 and G-4; will be primarily concerned landline telemetering systems. Excellent opportunity to gain experience with telemet-ering systems, and to develop competency electronic acquisition techniques and ap-

File application for above with Loretta Dudley, Bldg. 34, Room 34, Phone 71471. (Continued on Page 8)

'DESERT PHILOSOPHER'-

# Death Valley . . Again

By "POP" LOFINCK

with a hairy skin.



A group of us went over to Death Valley last Sunday to see the fossil footprints of a mammoth - a pre-historic elephant

These foot tracks were discovered in 1930 by some scientific sleuthing in the heart of Death Valley by geologists of the United States Department of Interior. The geologists were Dr. T. P. Thayer of the geological survey and H. Donald Curry of the National Park Service. These discoveries were made by the geologists while doing their regular job of geologic mapping.

#### MANY DIFFERENT FOOTPRINTS SEEN

The footprints include those of American camels, stubbylegged pigs, one-toed horses, the size of burros and some ancestors of modern wolves and cats, and wading birds, large and small. They came into being during Miocene time at the close of which the surface of the continent underwent severe disturbances and our western mountains rose to great heights.

The footprints were formed or recorded in beds of soft mud, apparently around ancient waterholes to which the animals went to drink. They were soon covered and preserved by additional deposits of mud, but as a result of mountain building, the muds hardened into clays, and later were so tilted as to give the impression that those ancient animals walked up slopes steeper than the roof of a house.

An interesting comment so far as I can learn, is that these elephant or mammoth tracks were not discovered until 1930 by the geologic mappers. The elephant or mammoth tracks measure about 15 inches across with a stride of three or four

#### A HARD PLACE TO REACH

It was rough going to get there. If your car has enough clearance underneath, it can be driven up the wash to within about four miles of the fossil elephant tracks. From there on you hike up a long canyon over rocks most of the way - up and up and up. But the trip is worthwhile - very interesting formation all the way.

You would think that coming down would be easy - but you still have to watch where you tred. I have found that a staff helps a lot-like the sheep herders used in Bible times. If your foot slips a little on a rolling stone, it takes energy to regain your balance — so the staff saves energy.

#### ONE MUST GET PERMISSION

Permission to go up there must be applied for in advance. It must be a small party - accompanied by a Park Ranger. The Rangers are on the ball to guard against vandalism of those fossil footprints.

The National Park Service is responsible to conserve the scenery and the historic objects and wildlife (of the parks) and they take the responsibility seriously. These areas belong to you and it is everyone's job to help protect these natural won-

You can't see Death Valley in less than two days - several days is better. Illustrated programs are given by outstanding naturalists each evening during the visitor season - November through Easter - in the Visitors' Center auditorium, and a free illustrated program is presented hourly throughout

#### BOOKLET AND MAPS AVAILBLE

You should get a booklet (\$.10) "Badwater Self-Guiding Auto Tour" with a map from the information desk. This booklet describes a trip you can cover in one day and the distance between each point — and what to look for. For example The Borax Museum near the Furnace Creek Ranch store — a fine mineralogical display and mining implements and mament will be as a consultant during the facilities design and build-up phase of the chines displayed out behind the building.

> Proceeding south to Texas Spring Campground, then to Furnace Creek Inn and Wash - Blackwater Wash - Breakfast Canyon — Fault Scarp — Mesquite — Golden Canyon — Desolation Canyon - Mushroom Rock - Westside Road - Alluvial Fans - Artists' Drive - Devil's Golf Course - Natural Bridge Canyon — Badwater, etc.

#### DINOSAUR TRACKS RUMORED

I heard a rumor of Dinosaur tracks in Death Valley. I couldn't find out where that story came from. It's the wrong information. Dinosaurs were reptiles that predated the mammoths. Mammoths were mammals-elephants covered with hair.

A short time ago, Mr. Curry of the Park Service, brought to light the skull of a titanothere, a distant relative of the rhinoceros. It was found in beds of Oligocene age which predated Miocene time. You might discover something. Keep looking.

#### **BOOK GOES ON SALE**

My book, Desert Ramblings, will be on sale at the Maturango Museum Saturday, December 10. If you get your order in before Saturday, you save \$.50. I'll be there Saturday from 9 to 12 noon and 2 to 5 p.m. to autograph the book. Hope to

#### **NOTS Athletic Director Named** President of Interservice League

Ray L. Gier, Athletic Director at the U.S. Naval Ordnance Test Station, China Lake, was nominated president of the Mo- pistol and flag football. Host jave Desert Interservice sites and tournament dates will League at a meeting at Nellis be announced in January. AFB last Friday, Dec. 2. He relieves Dick Burch, Nellis AFB, Recreation Director, league head in 1966.

Friday, December 9, 1966

Taking over the reins of the eight - member military athletic league marks the first time that Gier has held the presidential title. However his association with MDISL goes back to 1955 when Gier along with Jim Tennyson, Recreation Director, George AFB, and Gabe Imer, Special Services Director at China Lake, served as co-founders of the MDISL. Gier is a retired Marine and during his service career he played, managed and officiated a score of sports including boxing, which represents the best score softball, basketball, football and golf.

Gier's selection as the 1967 league prexy was formalized at the Nellis AFB Officers' Club where the annual league Tro-December 2 sports banquet was attended by command representatives from MDISL member bases. Nellis AFB and Marine Corps Base, 29 Palms were crowned as the 1966 overall sports champions. Nellis trophy; George AFB won the minor sports trophy.

The eight commands in the MDISL are: Marine Corps Supply Center, Barstow; Naval Norton AFB and Marine Corps Base, 29 Palms.

At the league meeting in

leyball, bowling, tennis, softball, golf, swimming, rifle and

### Cdr. Knobby Walsh **Wins First Place** In Golf Tourney

Eight-six contestants were on hand last Saturday for the annual Admiral P. D. Stroop Golf Tournament.

The low net tourney saw Cdr. Knobby Walsh and Bob Crawford tied for first place, but the Commander came out on top in the sudden death playoff. He took top honors with a 77 gross and a low net of 66 that he has ever turned in.

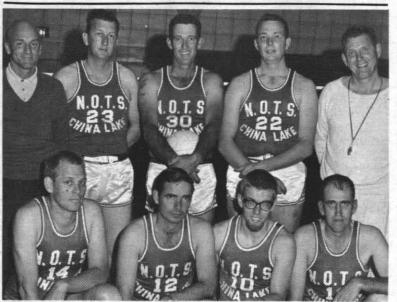
Bill Sorbo came in third following Bob Crawford's automatic second.

Max Smith and Earl Roby tied with a 76 for low gross ond with his 80.

#### **Volleyball Team**

The China Lake Rocketeers journey to Terminal Island Sat-AFB copped the major sports urday for the Long Beach Invitational opening the 1966-67 Volleyball season.

The Rocketeers hope to put together a strong attack, led by hard hitting Bill Hughey, a Ordnance Test Station, China former University of Missouri Lake; Edwards AFB; Fort Ir- varsity player and spiker win; George AFB; Nellis AFB; Frank Pickett. NAF's George King, a veteran of 16 years of service competition, including two years of Class "AA" ball, Nellis President Gier an- and Charlie May, former USAF nounced that the 1967 MDISL ballplayer, should also add a sports calendar will include lot of strength to the squad.



THE ROCKETEERS — These nine men will open the volleyball season at Long Beach this Saturday. From left to right, back row, NOTS Athletic Director, Ray Gier, Ed Ranck, George King, Frank Pickett, and Coach, Gabe Imer. Front row, Bill Hughey, Charley May, Frank Alden and Lowell McDaniel. -Photo by PH1 Jerry Williams

# **Bowling Highlights**

A 238 single game by Fred 206, while Patty Dalpiaz was 664 highlighted the Premier 190 game. League last Monday. League leading Ridgecrest Bowl posted a 2777 series to take honors for the night. Alex Ribultan paced the Midway League with a 224-635 on Tuesday.

In the Junior Division of the Youth Bowling League, Don Branson topped the boys with

Dalpiaz, and Jerry Thalken's high for the girls with a fine

#### Premier League

	Ridgecrest Bowl	27	9	.750
	Arden Farms	25	11	.694
	Boyd's Auto Parts	20	16	.556
	Tom's Place	14	22	.389
	Mercury Movers	12	24	.333
-	Starlite	10	26	.278

# **NAF Opens Season With Two Wins**

BY ED RANCK

The NAF Hawks beat the Code 45 Rockets, 79-62, in the opening contest of the 1966-67 Station Basketball League last Thursday night.

Mike Barnes' 18 footer broke a 24-24 tie at 13:05 of the first half to put the Hawks ahead to stay after the lead had changed hands several times in the early going. The Hawks led 40-30 late in the first half, before a basket by Ken Burke and a 3 point play by Ed Murrell pulled the Rockets to within 40-35 at intermission. Hot Second Half

Gary Peeples scored 16 points and pulled down 13 rebounds in a hot second half, as the Hawks broke the ball game wide open. Penetrating the Rocket defense with sharp passing, the Hawks outscored the Rockets 18-6, to take a 58-41 lead with 12 minutes remaining. The cold shooting Rockets finally got rolling late in the game, but were unable to close the gap.

Peeples took scoring honors for the night with 25 points, phy Banquet was held. The honors and Gus Mead took sec- while NAF's Dave Held contributed 17. Bob Berry with 23, was high for the losers.

In the second game, the Aero Science Falcons raced to a 25-0 lead, and breezed to an easy 137-27 victory over the outclassed VX-5 Vampires.

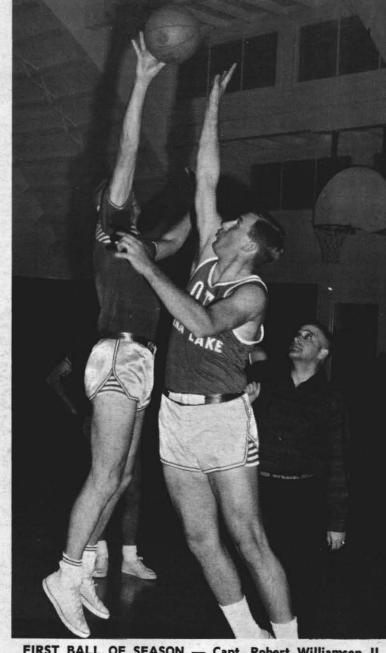
**Tuesday Night Game** The NAF Hawks made it two in a row by nipping the NOTS Tigers 69-65 Tuesday night, to take a half game lead in the League.

In the most well played contest of the young season, the Hawks, leading most of the way in the second half, held off a late charge by the Tigers, in a game that wasn't decided until the final seconds.

Tie Broken Baskets by Jerry Howard and Mike Barnes broke a 61-61 tie to put the Hawks ahead late in the game, after a seesaw battle, Morris Soublet scored with an 18 foot bank shot from the corner, but Dave Held hit a jumper from the top of the key to give the Hawks a 4 point lead with 1:15 left in the game. Jim Reed of the Tigers countered with a rebound shot 30 seconds later to bring the Tigers to within two, but Held scored the clincher on a fast break with 18 seconds remaining.

The Tigers jumped to a 16lead in the early going on the outside shooting of Maury Gartrell and Ed Renfroe, Held scored twice from the outside and Gary Peeples tallied from in close for four more, the second on a fine feed pass from Barnes, to tie the score 16-16. The teams traded baskets until late in the half when Held's jump shot put the Hawks ahead 27-25 at intermission.

The Hawks took control starting the second half, with Barnes, Howard and Willie Westley doing most of the scoring. Unable to penetrate the Hawk defense, the Tigers stayed in the game by hitting from the free throw line, as the NAF team got into foul trouble early. Down 59-52, the Tigers came back on the outside shooting of Gartrell, Reed and Bob Sidney, Reed tipping in Sidney's jumper from the high post to tie the game 61-61 with 2:15 left.



FIRST BALL OF SEASON - Capt. Robert Williamson II, Station Executive Officer, tosses up the first ball in the opening night ceremonies last Thursday. Code 45's Ken Burke and NAF's Dick Wells battle for the tipoff.



FAST ACTION — Code 45's Ed Murrell drives past Mike Barnes of the NAF Hawks to score on a reverse layup. The Hawks won the opener of the 1966-67 season 79 to 62.

#### BASKETBALL SCORE BOARD CODE 45

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