### Natural History Contract Negotations Are Completed Navy League **Evening Classes** Will Be Taught

The fall quarter of the course "Field Science for Teachers" begins at 7:30 p.m. on September 23, Friday, in Room 17 of Murray School.

The course, known in the past as Desert Natural History, has been taught for ten years and has been very popular. Offering three units of credit per quarter, the subjects covered will be: Ecology in the fall, Geology in the winter, and Biology in the spring, with emphasis on the desert conditions. The course is being offered

by University of California, Santa Barbara, with Mr. Brubaker as instructor. It will feature many field trips, both oneday and week-end camping.

For further information, Mr. Brubaker may be called at ext. 725044. The fee for the course is \$40.00 per quarter.

"NAMU, THE KILLER WHALE" (89 Min.) Robert Lansing, Lee Meriwether 7:30 p.m.

SEPTEMBER 17 -MATINEE-"DELICATE DELINQUENT" (101 Min.) 7:30 p.m.

"NIGHT OF THE GRIZZLY" (102 Min.) Clint Walker, Martha Hyer, Keenan Wyn 7:30 p.m.

"Capt. Kidd No. 4" (16 Min.)

(Adventure in Color) Former Utah lawman ackles a bundle of trouble when he buys a Wyoming mountain ranch that is coveted by a local land baron and ravaged by a huge grizzly. Big Clint almost loses every-thing to the bear. (Adults, Youth, Chil-

Short: "And So To Bet" (7 Min.)

"MARY POPPINS" (139 Min.) Sunday 1:00 p.m. Matinee

Monday 7:30 p.m. ONE YOU'VE BEEN WAITING FOR! A agical children's nurse drops in from the sky to nanny the small tots of a banker's family. In their new-found life of fun and fantasy they meet a jack-of-all-trades art-Walt Disney has loaded this with charm animation and live action that spells FUN for any moviegoer. DON'T MISS! (Adults, Youth, Children.)

TUESDAY-WEDNESDAY SEPTEMBER 20-21
"McQUIRE, GO HOME" (101 Min.) Dirk Bogarde, Geo Chakiris, Susan Strasberg 7:30 p.m.

(Adventure in Color) Intelligence officer tries to save a pretty archeologist who is

SEPTEMBER 22-23 "HOW THE WEST WAS WON" (152 Min.) James Stewart, Carroll Baker

7:30 p.m. (Western Spectacle) Many stories within a story are told as pioneers move to conquer the West and an average family is followed throughout a generation. Sensa-tional thrills result from a railroad holdup and wreck, a buffalo stampede, Indian raids, etc. A classic to be seen again and again. (Adults, Youth.)



POLICE SIGN CONTRACT — AFGE Lodge 1781 completed contract negotiations Tuesday for Police Division employees at China Lake. At signing ceremonies (seated, I-r) are Lt. S. R. McMullen, Head, Security Dept.; V. A. (Slim) Cummins, Head, Police Div.; Joe Arisman, Lodge president; Austin Ross, Head, Employee - Management Relations Div., and Budd Gott, Lodge first vice

president. Witnessing signing (back row, Ir) are Terry Haycock, Employee-Management Relations; John Dowd, Asst. Police Chief; Lodge negotiating committee members Don Eaton, Sol Sherman, and Mel Morrison. Contract will go to Station Commander Capt. John I. Hardy for his approval, then to Commander, Naval Air Systems Command for final approval.

# Operation Tailgate Is Subject Of Police, Safety Council, Auto Clubs

How close is too close? The bility of his automobile. safe following distance advocated by authorities is one car length for each 10 miles of speed. If you drive closer than this to the vehicle ahead, you're too close for safety!

listed as the primary cause of ers involved in following too than all those caused by lane cidents, not more citations. changing, unsafe turns, unsafe

traffic safety have watched with growing concern the increasing numbers of injury and property accidents caused by following too closely, and determined that a program of positive action against them must be developed. Combining are the driver who laid them their efforts, the National Safety Council, Los Angeles Peace Officers' Association, and local automobile clubs are launching "Operation Tailgate," an areawide program of education and two evils! enforcement aimed at controlling the rear-end accident.

To Activate Program

Peace officers throughout the Los Angeles Basin are training now to activate the program. Positive attention will be directed at both the habitual, deliberate tailgater, and the unwitting driver who follows too closely because he is unaware of the danger and unfa-

PLACE

STAMP

HERE

How far behind are YOU . . . miliar with the stopping capa-

The ultimate objective of "Operation Tailgate" is to encourage voluntary compliance by the driving public through increased understanding of minimum following distances "Following too close" was and recognition of the dangmore freeway accidents in 1965 closely. The goal is fewer ac-

Discussions with drivers disequipment, even drunk driv- closed that their information ing, combined! On surface and understanding of the tailstreets, tailgating accounts for gating problem is sadly lacknearly one-fifth of all acci- ing. They have, at best, only a vague understanding of stop-Those of us involved with ping distances, and are not aware of how risky it is to follow at about the same interval at 60 as at 40 miles per hour.

Remember those skid marks you saw this morning, terminating abruptly at the center divider of the freeway? Chances down was too close to the car ahead when it stopped unexpectedly, had a choice of hitting either the car or the divider, and chose the lesser of

He was lucky to have any miles per hour you need at least 272 feet - almost the length of a football field - to



bring any vehicle to a stop -

A highly exaggerated idea of the amount of time he will lose if he drops back each time another car cuts in often causes an impatient driver to tailgate. tickets. Yet, time after time tests have proven that you'll lose less than a minute and a half out of an hour's driving time at 60 miles per hour even if aother vehicle cuts in front of you

8-Noise 11-A state (abbr.) 12-Ireland 13-Again 15-Forest

yttrium 31-Lead 33-Note of scale

33-Note of scale 35-Cushion 36-Devoured 37-Animal's fool 38-At what time? 40-Beverage 41-Crippled 42-Chicken 43-Bitter vetch 44-Pose for

portrait 45-Babylonian

46. Music as written
47. Puts one on guard
50. Allowance for waste
52. Greek letter
54. Be in debt
56. Arid

suddenly

57-At present

DOWN

55-Arid 56-Break

1-Armed

2-Guido's high note

deity 46-Music as

ditions are all ideal!

# **Barbecue This** Saturday Night

the Indian Wells Valley Navy League Council's annual barbecue at 7:30 p.m. at the Elks Club in Ridgecrest. A social hour from 6:30 to 7:30 p.m. will precede the annual event.

Jim Greenfield, one of the ablest barbecue artists in Indian Wells Valley, will swing into action Saturday eve when he ties on his apron to prepare the tangy man - sized steaks for the gala event.

Tickets are \$5 per person and may be purchased at the door. Friends of Navy League members are welcome

Purpose of the Navy League affair is to raise funds for the "Navy Man of the Year" banquet to be held October 27, at which time the Navy Man of the Year is selected from the 12 men who have been named "Blueiacket of the Month" at

### **Ticket Sales Set** For Navy's Night At Disneyland

Navy Night in Disneyland tickets will go on sale at the Community Center on Thursday, September 22 from 8:30 a.m. to 4:45 p.m. weekdays.

if brakes, tires, and road con-This annual event will be on October 29 this year from 7:30 p.m. to 1 a.m. and is open to all naval personnel and their guests. ID cards will be required for the purchase of

The price of the tickets is \$3.00 per person and everyone over the age of three must

Tickets must be purchased in advance as none will be sold at the park.

# Answer to Previous Puzzle CROSSWORD PUZZLE

3- Waltzed 4-Pay attention 5-Ventilate 6-Prefix: not 7-Contradict 8-Man's nickname nickname 9-Preposition 10-At no time 14-Cry 16-Ship channel 18-Hebrew month 21-Heelless

person 21-Pinch-hitter -Make lace 3-Timid 4-Stroke 5-Storage box 6-Strike 8-Turf 32. Southwestern

dwellers 41-Falsehood 53-Printer's

For Use In Authorized Service Newspapers Only.

Laser Gyro Arrives at NOTS,

To be Developed for Shipboard

### Community Pass Vol. XXI, No. 37 Naval Ordnance Test Station, China Lake, California Fri., Sept. 16, 1966 **Re-Issue Action** Is Only Routine

As announced in the Rocketeer of September 2, the Security Department has begun the re - issue of community passes. Present holders of Community passes are being requested to stop at the Main Gate Pass Desk to turn in their present passes and obtain a new pass.

This change in pass forms is implementation of a previously announced Station policy to control, identify, and differentiate between employees, dependents of employees and other regular visitors to the Station.

This is a routine administrative action which has been planned for sometime, but held in abeyance pending receipt of the new forms.

### JC's Will Send **Christmas Gifts** To Servicemen

Junior Chamber of Commerce members of Ridgecrest will be collecting funds throughout the Valley through the end of November to buy Christmas gifts for Valley serv-

The Jaycees' Christmas project is the first of its kind to (Continued on Page 3)

## Technicians Check Out Laser Gyro



SETTING UP GYRO - Don Cooper, electronic technician with Code 3045, watches Robert H. Seeman, research technician with Honeywell, check out laser gyro instrumentation in Mich Lab. Gyro was delivered here last Monday, and will be in development at NOTS for eventual shipboard stabilization -Photo by PH3 Jerry Willey

### **Three-Axis Laser Enters Different Operation Field**

The amazing laser is making its entrance into yet another area of application new to it -stabilization systems. As of this week. NOTS is continuing on-Station, its development of a laser gyroscope device for shipboard and, possibly, air

The three-axis laser gyroscope system arrived at NAF last Monday afternoon from Minneapolis, Minn. Its maker, Honeywell, Inc., which claims it to be the world's first such operating system, mounted it in a company light transport for the journey, and took scientists and dignitaries on two local demonstration flights after arrival here.

### **Further Testing**

Systems Development De partment's Instrument Development Division will have charge of testing and further development work on the apparatus. Eugene E. Curry, of Electronic Systems Branch, is project engineer, assisted by Don Cooper, electronic techni

The systems, using three advanced triangular lasers of the helium-neon type, each mounted at 90 degrees angle to the other, is envisioned as part of a digital shipboard weapor control system. It is designed to reliably and precisely sense the angular attitudes of a ship at sea to within arc (3600 arc seconds in one degree of a circle) seconds.

Since this concept calls for no moving parts, as in a conventional inertial gyro, it gives promise of a long, mainten

(Continued on Page 3)

### PN-3 Tom Walker Is **'Bluejacket'** for Sept.

magnet orienting the energies ing courses in data processing of, among many others, the at Bakersfield's Desert Division Bluejacket of the Month at at China Lake. NOTS for September, PN-3 Thomas Lee Walker.

Arrived in 1964

in June of 1964 from personnelman training in San Diego. kersfield and brought her to China Lake. Already he has set his sights on the trade of ma- pacity. chine accounting as the next step in his Navy career.

Tom joined the Navy in his hometown of Bakersfield in January, 1964, where he had attended Bakersfield Junior College drafting courses. He has now resumed his college

**TEMPERATURES** Max. Min. 101 59 Sept. 10 98 Sept. 11 91 86 61 Sept. 12 Sept. 13 87 56 85 Sept. 14 85

The computer age is the training by enrolling in even-

"I've taken a four-year extension in the Navy so that I can take training to change my Tom Walker came to NOTS rating to machine accounting," he explains. He will pursue his goal through the Navy pro-In February of this year he gram "SCORE," which provides married his wife Cheryl in Ba- for conversion of ratings from one to another to retain the sailor in his most useful ca-

> Tom Walker plans to attend service schooling in his new specialty goal starting in February, 1967.

Enjoys The Outdoors

At their China Lake home, the Walkers use Tom's off-duty time to make hunting and fishing trips in season to mountain areas west and north of the Station.

"When Cheryl and I go on our fishing trips, she rests and I fish," he says. "I've never failed to come back without a catch."

He and his wife will be going on another trip next weekend, starting Friday, Sept. 30. (Continued on Page 3)



BLUEJACKET AT HOME-PN-3 Tom Walker and his wife Cheryl go through their record library in their China Lake home. by mountains, lakes and streams.

The young couple are companions on frequent hunting and fishing trips to the near-

# Services of American Red Cross Offer Comfort to Many



PRESENTS CHECK — The quarterly check from the United Fund is presented by the Indian Wells Valley Treasurer J. R. "Danny" Dandurand to Branch Chairman Mrs. Howell Sumrall. Much of the money donated to the American Red Cross comes through the efforts of the United Fund.



CHILD CARE TAUGHT — Although it may seem a bit unusual, at least as a Red Cross function, a very important class in Child Care is taught. There are usually at least two classes a year, for both expectant parents and babysitters. Anyone of course may attend. Giving the apt demonstration is Mrs. Thurl Thompson.

### The Highly Regarded Local Valley Branch Offers Much Service

BY DAVID L. KIMSEY

Servicemen and their families, along with civilian families, who find themlyes in distress has long been a great concern of our nation. A large portion of this concern has been alleviated by the services of the American Red Cross.

Started 85 Years Ago
In 1881 the American Red
Cross was founded by Clara
Barton. Later in 1905, they received a charter from the United States Congress. Since
that time literally millions of
people have been saved, both
physically and financially,
from total destruction.

If one were to try to describe the special qualities of the American Red Cross in one word, the only word available would be "volunteer," for the volunteer worker is definitely the back bone of this great organization. In the Indian Wells Valley branch of the Kern County Chapter there are 124 volunteers alone. There are over 2,000,000 in all, 153 volunteers for each paid worker.

In a message delivered by

G. R. Landskov, the Chairman of the Kern County Chapter, he said in part, "The Indian Wells Branch, which is Red Cross in eastern Kern County, is splendidly staffed by volunteers. That they are highly regarded is evidenced by the fine support the citizens of that area give the Red Cross through their United Fund. With the assistance of the people in the community the Red Cross emblem will continue to fly. We know you would have it that way."

Local Chairman

Mrs. Howell Sumrall is the chairman of the Indian Wells Valley Branch and has carried on a full Red Cross program of both mandatory and permissive services.

Other officers are: Mrs. Frederick De Ham, Co-chairman, Mrs. Atlee Clapp, Service to Military Chairman, Mrs. Lawrence Ellefson, Gray Ladies Chairman, Mrs. John Cox, First Aid Chairman, Mrs. David Chapmen, Water Safety Chairman, Bernard Sword, Disaster Chairman, and Mrs.



RECEIVING ASSIGNMENTS — Gray Ladies Mrs. Richard S. Clark, left, and Mrs. Laurence M. Ellefson, Chairman, receive their assignments from LCdr. Maxine Easter, Acting Chief Nurse. The Gray Ladies perform such duties as reading, letter writing, gift

wrapping, mailing of packages, visiting, delivering messages to relatives and friends and distributing current magazines and other reading material. Locally, the Gray Ladies work at the Station Hospital Dispensary. Classes will start in the fall.



BRIEFING ON CASES—Mrs. Thurl Thompson, Mrs. Howell Sumrall, William H. Parkham and Mrs. Lynn Barker, (I to r), conduct a briefing on assistance to military cases.

Parkham is the Field Director from Edwards Air Force Base who also has the additional duty of supervising the service to military at this branch.

ROCKETEER



DISCUSS DETAILS OF NEXT COURSE — Four of the seven local instructors on the Station for Red Cross First Aid discuss the details of the next course to be given in advanced first aid. Courses are: Standard Course, Advanced Course, and Medical Self Help Course. From the left are James R. Nichols, Thomas T. Chapman, Carl A. Heller and John D. Ohl.

Clarence Renne, Production Chairman.

The Branch Secretary is Mrs. Robert Gingell and the Treasurer is Mrs. Patrick Kennedy.

The branch has provided full field director coverage on the Station and has an active disaster committee. Gray Ladies serve in the Station Hospital. First aid and advanced first aid is constantly being taught and the swimming program includes all groups from beginners and advanced life saving to a class for the handicapped.

A unique distinction is afforded the local branch. They are the only Red Cross group on a major military reservation that is completely staffed by volunteers. No paid employees. The territory served by this branch includes Inyokern, Ridgecrest, Randsburg and Cantil.

The American Red Cross helps carry out the obligations under international treaties known as the Geneva or Red Cross Conventions.

Medium of Relief

It acts as the medium of voluntary relief and communication be tween the American people and their armed forces. It also carries on a system of national and international relief to prevent and mitigate suffering caused by disasters. It is financed by voluntary contributions.

Quite understandably, space doesn't permit a complete description of the services performed by the American Red Cross, however, some of the more outstanding functions include Services to the Armed Forces, Services to Veterans,

(Continued on Page 7)





RESCUE AND LIFESAVING — These are two very important functions. The top photo shows the proper method of mouth-to-mouth resuscitation as demonstrated by Mrs. Joan Leipnik and her son Mark. The bottom picture tells its own story. The rescuer is Mrs. Fern Walker, the victim is Mrs. Lois Allan.



A HELPING HAND MEANS MUCH — A prime example of the outstanding work being done by the American Red Cross was seen not long ago in New Orleans when the terror and might of Hurricane Betsy

was felt. The damage ran into the millions and would have been insurmountable to many had it not been for the efforts of this organization. Each year there are over 4,000 disasters requiring aid.

124 Volunteers Stand Ready to Assist

# **NOTS Pasadena**

VIRGINIA E. LIBBY - EXT. 638



TWENTY-YEAR MEN — Three Guidance and Control Division personnel have reached 20-year milestones in their Federal careers. Receiving lapel pins are (I-r) R. V. Thurman, Head of the Instrumentation Sec-

tion; A. J. Tickner, Division Head; and E. D. Schwartz, Head, Gyro Group. D. J. Wilcox, Head, Underwater Ordnance Department and Captain G. H. Lowe, Officer in Charge, made the presentations.

### Fourteen Teams In Winter League

BY RAY HANSON

Fourteen teams have entered, Dick Batters. for a total complement of 70 a meeting prior to the first

The teams and their memener, Elaine and Harry Smith, Carolyn Yuge, Terry Mar- nates chand, Don Ayers, John Watkins, and Al Roeske. Team No. 3 — Eleanor and Wally Lumpp, Aleen Anderson, Ed Sterkel, and Squire Clemons. Team No. 4 - Nova and Len Semeyn, Dory and John Aitchison, and General Visiting Ed Karig. Team No. 5 - Pat Preston, Shelly Houle, Sam Brown, Phil Foster, and Ray Hanson.

Team No. 6 — Maxine and Dick Talbot, Bev and Clyde 4 p.m.: Flynn, and Lynn Herwig. Team No. 7 - Dawn and Jack Kindred, Betty and Bernie Silver, and Charlie Gerbracht. Team No. 8 — Elaine Colson, Bernie Morrison, Lyle Emerick, rier, ASW Support USS Ben-Earl McCabe, and Bud Harm- nington (CVS-20).

on. Team No. 9 -Pris and The NOTS winter bowling Jack Springer, Norma and Jack league has jumped off to an- Sayre, and Milt Blatt. Team other season's mayhem at No. 10 -Lina and Dan Moore, Bowling Square in Arcadia. Gloria and Ward Herrick, and

Team No. 11 — Sue and Bob bowlers. Jack Sayre was chos- Marimon, Irene and Bill White, en president of the league at and Keith Wills. Team No. 12 - Phyllis and Jim Henry, Jane night of play. Jack Springer is and Al Gaghagen, and Ed Edvice president, Bill White sec- monds, Team No. 13 - Gloria retary, and Clyde Flynn treas- Branson, Yvonne Benson, Lloyd Hagnas, George Jackson, and Don Holyoke. Team No. 14 bers are as follows: Team No. Ruth Neff, Jan Cardwell, Mert 1 — Jo Ann and Harry Roes- Welch, Wayne Taggart, and Jim Martin. Frieda Petrancosta and and Roger Parker. Team No. 2 Ron Preston are listed as alter-

## Long Beach Ships To Host

The following ships will host general visiting in the Long Beach area during the remainder of September from 1-

Sept. 17-18 - Cruiser, Guided Missile Light USS Topeka

Sept. 24 - 25 - Aircraft Car-

### Youngsters Learn Oceanography

ty of Alhambra have recently taken up skin diving, not merely as a hobby but as a research project. This interest was motivated by three enterprising elementary teachers and three NOTS (and one ex-NOTS) per- standing students. (Summers

ris Julio, with the assistance of two other teachers, Mrs. Anne Smith and Mrs. Ann Barker, conducted four weeks of morning classes for exceptional children, (IQ's of 125 and currents of the ocean; tools, above), in the 6th and 7th

The three classes consisting of 30 children each devot- future uses of the ocean; and ed one morning a week to the subject of oceanography. The summer sessions were held at Baldwin School, 900 S. Alman- the questions asked of our persor, Alhambra.

The Public Affairs Office at NOTS, Pasadena, was called on to assist with the planning pates in many such educationof this very worthy project and al projects.

Several youngsters in the ci- arrangements were made with NOTS technical personnel Ed Carpenter, P80838, Les Campbell, P80827, Hap Smith, P808-71 and Herb Summers to share their knowledge and experiences of the sea with these outterminated an engineering ca-Alhambra teacher, Miss Do- reer with NOTS last December to pursue his new field of oceanography as a research associate at USC.)

> Topics discussed with the children included contents and equipment and instruments used to explore the sea; the role of skin divers; present and CURV, the Cable Controlled Underwater Research Vehicle.

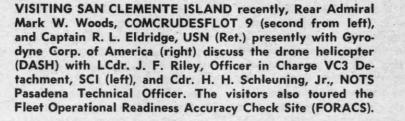
> The quality and quantity of sonnel verified the students' intense interest in oceanography. NOTS Pasadena, partici-





COMMONWEALTH OFFICERS who were attending the Annual Tri-School Conference on ASW at San Diego, spent a morning at NOTS Pasadena. The officers, representing England, Canada, and Australia, toured the

station laboratories and were briefed by NOTS technical personnel on current projects. Cdr. E. S. Wallace NOTS Pasadena Assistant Technical Officer (Air) (shown at left) hosted the visitors.



### PROMOTIONAL OPPORTUNITIES

Supervisory General Engineer, GS-801-14, Quality Engineering Division, Engineering Department, Pasadena — 2P55006 Amend-ment No. 1 — As Head, Quality Engineering Division, is responsible for establishing and administering an effective quality endevelopment programs. Assists management in the organization and direction of Station effort in effecting the transition from development to production. Manages burned bond will be reissued 

To apply for positions, contact Christine
Marchand, Pasadena Personnel Division, Extension 278. A current SF-58 must be subport.

in inspection and quality assurance, materials and testing, production and Fleet support.

ics), GS-11 or 12, PD: 6P80006-Code P8027 - Performs detail stress analysis of torpeado structures and mechanical components; planning and coordinating environmental

A U.S. Savings Bond destroyed by fire is just as good as one held in your hand. Any

### **Services Board Hires New Business Manager**

Friday, September 16, 1966



ARTHUR W. RUTHERFURD, NEW BUSINESS MANAGER

With the gradual changeov- cilities on the Station, the later of most commercial activities at the Station from the being the newly opened Von's Navy Exchange System to the Employee Services Board, the Board has hired a business manager to oversee the day-today activity of its responsibil-

### **New Business Manager**

Arthur W. Rutherfurd, the new Business Manager, recently from Skyforest, California, brings with him a wealth of experience in business management ranging from 16 years of operation of his own furniture business to manager of the well known "Santa's Village" operation at Lake Arrowhead, and Personnel Manager of a defense plant during World

sponsibility for operations, Rutherfurd will draw on his management background to make recommendations to the Board of practices designed to help the Board discharge its obligations to NOTS employees.

It is possible that not all employees are aware of the scope and nature of the Employee Services Board. The Board is an outgrowth of the old NOTS Restaurant Board, and func-Fund activity.

### Present Chairman

Its present chairman is W. E. Davis, Head, Planning Staff, Code 3502. The members of the Board are appointed by the ment along with their regular Civil Service jobs.

The members are appointed the Board continuity from year to year, and the membership group of employees. Staff serv- Assistant Treasurer, with Harsion, Code 651.

**Board Responsibilities** 

for the operation of various fa- the Board's membership.

est and certainly the largest supermarket at Bennington Plaza. In addition to Von's, the Board is responsible for the operation of food services aboard the Station such as the Station restaurant, the cafeterias in Michelson and China Lake Propulsion Laboratories, the Malt Shop, and the Executive Dining Room. The Station dentist and pharmacist are also con-

cessionaires of the Board. Future assignments, which will come under the Board's jurisdiction before the end of this year, are the Station Barber Shop, Beauty Shop, Child Care Center, Laundry and Dry Cleaners and the Cobbler serv-

Funds generated from oper-In addition to general re- ation of the Board's activities are used primarily to improve the quality of service, and with the lessening of Exchange support in the future, due to the loss of civilian patronage, excess funds will be utilized in support of the Station recreation program activities such as the Station Library, Golf Course, Athletic Teams, Bowling Alley, Gym and TV Relay.

Current Board Members Members of the Board are tions under Navy Regulations Gordon Draper, Code 17, Chairas a civilian Non-Appropriated man, Supermarket Facility; Robert Glen, Code 12, Chairman, Food Services Committee; John Strommen, Code 70, Chairman, Professional and Community Services Committee; Louis Erwin, Code 12. Commander, and perform their Chairman, Commercial Services duties as a collateral assign- Committee; Ray Sinnott, Code 75, Chairman, Executive Dining Room Committee: Frank Young, Code 30, Preventive on a rotational basis, to give Medicine Liaison, and Margaret Scherer, Code 50, Treasurer.

Other Board members are is selected from various de- Paul Jeffrey, Captain, USN, partments to give the Board Code 25, Member at Large: Isrepresentation from every abelle McLaughlin, Code 17, ices are provided via the Per- old Hockett, Code 55; Jackie sonnel Department's Employee Novatney, Code 55; Clarence Management Relations Divi- Renne, Code 45; Rod Weldon, Code 12; George Coulter, Code 17: and B. A. Fouse, Code The Board has responsibility 35, making up the balance of

### **Three-Axis Laser Enters Different Operation Field**

(Continued from Page 1) ance-free life. It also lends itself to digital data output, which allows use of smaller, more reliable computer pack-

"The Navy is working to get digital systems for shipboard use," says E. E. "Gene" Curry, "and we are investigating what can be done in the area of sensors. The existing mechanical gyros, or stabilization systems. almost all provide analog out-

In each of the Honeywell device's three gas lasers, coherent light beams are projected in opposite directions from the triangular lasing tube. At each corner of the triangle, a mirror reflects the light through the next leg of the triangle. One of the mirrors is lower in efficiency than the other two, and allows some of the light to pass through, where it is recorded. If the laser device is rotat-

ed on its axis, the real distance the laser light must cover is increased in the direction of rotation, and decreased by the same amount in the other direction. The rotation causes the frequency of the light to decrease in the first case and increase in the second. The difference is measured, and translated by a digital computer into units of approximately 25 arc seconds.

The computer to be used at NOTS for development work with the laser gyro is a direction cosine type that can make as many as 7,000 readings per second, according to Curry. With miniaturized circuitry, the small digital computer can provide savings in size and power requirements over the analog type.

"This laser gyro device is already on the path of rapid progress - somewhere between the research and development stages," says Curry. "It has quite an exciting potential for the Navy."

## Employee Gets Increase



GETS QUALITY STEP INCREASE - Mrs. Berniece N. Lyons, an 11-year employee of NOTS and Accounts Maintenance Clerk Supervisor and Head of the Housing Collection Branch, received a Quality Step Increase from Calvin V. Fallgatter, Housing Administrator.

### Walker Is Named As 'Bluejacket' For September

(Continued from Page 1) The Walkers are to be hosted by the Bakersfield Chamber of Commerce and honored by the city over the weekend.

He'll pick up a new car to drive during his stay from Haberfeld Ford agency, after arriving and checking in at the Holiday House. Merchants of the Chamber will present him and his wife with a hospitality packet of gift certificates.

### On T.V. Show

As part of his honors in Bakersfield, Tom will appear Friday afternoon on Channel 17's 5:30 news program and on other stations during their news tries, from 7:30 a.m. to 4:30 broadcasts.

### **Christmas Gifts** (Continued from Page 1)

be held in California, they claim, and is to benefit all servicemen and women on active duty, enlisted or officer, whose homes are in China Lake. Trona, Argus, West End, Ridgecrest and Inyokern.

Donations are needed to cover the cost of presents and mailing. Mailing is scheduled for a month in advance of Christmas to ensure delivery. The Jaycees also request names and addresses of serv-

Valley residents should send names and mailing addresses to the Ridgecrest Jaycees, Box 1075, Ridgecrest. Donations should be sent to Servicemen - Jaycees, the same address; or donors can contact Roy Ballard at 375-4411, Genge Indus-



PANEL VISITS NOTS - Members of the Military Aircraft Panel of the President's Science Advisory Committee visited NOTS on September 7, 8 and 9 to observe the manner in which NOTS contributes to the Navy's role in the Nation's defense. From left to right is Frederick W. Wolcott, Dr. James C. Fletcher, Dr. V. V. McRae, Profes-

sor Rene H. Miller, Dr. H. M. Agnew, Dr. Richard L. Garwin and Dr. William B. Mc-Lean, NOTS Technical Director who is also a member of the panel. Three members, Charles A. Fowler, Dr. Charles Slichter and Dr. Marvin Stern were not available at the time the picture was taken.

-Photo by PH3 Bryce Casek

### CHAPLAIN'S MESSAGE

## Silence Can Be Golden

By CHAPLAIN PAUL L. TOLAND



We live in an age of progress. It's a time of push buttons and space rockets. But when history has a chance to look back and size us up, I'm afraid we will be remembered chiefly for our "noise."

This is the age of racket. Success is often guaged by the amount of noise produced, this yardstick has been adopted by almost every segment of society. The craving for noise has been given rise to "mass meetings." The more people you can get together, the more noise they will make - and the amount of noise they make will determine how successful the meeting

For some unknown reason, man is convinced that he must keep opening his mouth. A meeting is a flop if very few people speak. A husband is accused of being unhappy if he comes home and sits quietly in a chair. If he doesn't talk, he's not in love the reasoning goes. The person who enjoys reading is judged to be anti-social.

Silence seems to be some kind of plague to modern man. The real reason man fears silence is that when the noise stops he must think and when he thinks he must ultimately ask himself these questions: "Who am I?" "Where did I come from?" "Why am I here?" and "Where am I going?"

A generation whose senses have been seriously dulled and impaired by the grinding of machines and constant unending talk needs to give serious thought and contemplation to the words of Scripture "Be still - and know that I am God."

### -EDITORIAL-

### **Blood Donations Count**

ONE of the ways U.S. servicemen and women stationed outside the area of conflict in the Republic of Vietnam can aid those in the front of battle is by giving blood through the American Red Cross.

Whole blood, and derivatives of whole blood, have saved the lives of hundreds of Free World wounded and sick. As long as the conflict continues, so will the need for blood.

# YOUR BLOOD SAVES LIVES IN VIETNAM!



The American National Red Cross

At one time the availability of blood, particularly whole blood, was restricted because of a storage limit on it. Now, for the first time in military history, scientific advances have made it possible to freeze and then reconstitute whole blood, putting large supplies only miles and minutes from the battlefield.

Other derivatives, that can be made only from whole human blood are protecting those in the RVN against infection and aiding others already infected. Your blood can help in the RVN. The American Red Cross is the

authorized blood collection agency for the armed forces.

The next time the Red Cross Bloodmobile is in the area take time out and donate your share. Donations cost nothing, but count for a lot. (AFPS)

### The Rocketeer Official Weekly Publication

U. S. Naval Ordnance Test Station China Lake, California Capt. John I. Hardy, USN

"J." Bibby Public Affairs Officer Joan Raber

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David L. Kimsey John R. McCabe Sunday.

Staff Photographers
PH1 Jerry Williams, PH1 David W. Hobbs,
PH3 Bryce T. Cacek, PH3 Jerry Willey, and
PH2 Ralph Robey (Pasadena). DEADLINES:

News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExos P-35, revised July 



Present Station employees are encouraged to apply for the positions listed below: Applications should be accompanied by an up-to-date Form 58. The fact that positions are advertised here does not preclude the use of other means to fill

Supervisory General Engineer, GS-801-14, Quality Engineering Division, Engineering Department, Pasadena — 2P55006 Amend-ment No. 1 — As Head, Quality Engineerand administering an effective quality endevelopment programs. Assists manage-ment in the organization and direction of Station effort in effecting the transition weapons development programs as assigned. Requires degree in Science or Engineerrials and testing, production and Fleet sup-

Mechanical Engineer, G5-7 thru 12, Code of auxiliary power units. The incumbent is responsible for the design control of the gas generators for SARAH, IRAH, Shrike and Chaparral missiles. Position entails design changes as solutions to problem areas accompanied by design of experimental tests to prove adequacy of the design changes. A moderate amount of travel will be required to investigate production facilities and problem areas. A BS degree in Mechanical Engineering or equivalent is re-Mechanical Engineering or equivalent is re-quired, some experience desirable but not

absolutely necessary.

File the above applications with Carolyn
Cadle, Bldg. 34, Rm. 28, Phone 71648.

COMPETITIVE PROMOTIONAL EXAMS A competitive promotional examination is announced for Quarterman Mechanic Annc. No. NOTS-IVa-16(66), issued September 19, 1966. Applicants must be Career or Career Conditional employees of NOTS, China Lake or Pasadena, California. File Card Form NAVEXOS-4155-AB and Standard Form 57 with the Detached Representative, Board of Examiners, 11ND, China Lake, California. Card Form NAVEXOS-4155-AB and Standard Form 57 must be re-

Clerk-DMT, GS-4 PD No. 255005, Code 5571 — Position is in Sidewinder-Chapar-ral Guidance and Control Project Engin-eer's Office. Duties include typing of all types of official correspondence and reports, distribution of incoming mail, filing, rranging meetings for project personnel

and general office maintenance.

Electronics Technician, GS-9 PD No.
655077, Code 5527 — The incumbent is responsible for the design of electronic cir-cuit packages of prototype assemblies for development missile systems and performs delegated supervision during fabrication and construction of these assemblies. Must be experienced both in electrical and mechanical design and have a good under-standing of electronic schematics and con-cepts. He must be skilled in construction techniques and able to work with equipment representing new and untried con cepts with a minimum of supervision.

File application for above with Joan Cheever, Bldg. 34, Rm. 34, Phone 71514. Equipment Specialist (Electronics), GS-7, PD No. 055023, Code 5515 — Incumbent is responsible for handling all electrical-elec-tronic equipment submitted to the Branch for repair and calibration. Maintains records and does follow-up to expedite Branch work. Assists Section head in 55153 in obtaining repairs from private industry. Applicants must not have any physical limi-

General Engineer, GS-14, PD No. 655075, Office of Chief Engineer, Code 55 — The incumbent is the Station's Senior Value En-gineer. He is responsible for the planning, installation, and administration of the Sta-tion Value Engineering effort which re-quires introducing Value Engineering con-cepts into weapon systems at the earliest possible stages through consultation education, Value Engineering Studies, coordina-tion of Value Engineering contracts, and the establishment and maintenance of cost reduction reporting systems. The primary objective of the Station Value Engineering effort is the elimination of excessive costs in design, development, manufacture, procurement, installation, and use of weapons components, assemblies, systems, subsystems, and related equipment without ad-

SERVICES File application for a bove with Joan Cheever, Bldg. 34, Rm. 34, Phone 71514.

Refrigeration and Air Conditioning Mechanic, JD No. 212, Code 70413 — Installs, maintains, and repairs refrigeration and air conditioning equipment and components used in providing refrigeration and air conditioning for living quarters, offices, com-mercial and industrial use. Equipment in-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) locludes some evaporative air conditioning

ough drafts, correspondence, statistical ta-

bles and interoffice memoranda and per-

forms miscellaneous clerical duties as re-

quired. One year general office - clerical experience and one year clerical experi-

ence that involves predominately typist du-

Clerk-DMT, GS-4, Code 4051 - Types

technical notes, reports, correspondence,

dictation. Acts as office receptionist and

forms, etc., from rough draft or recorded

File applications with Dora Childers, Code 657, Rm. 32, Bldg. 34, Phone 71393. Roman Catholic (All Faith Chapel)-Holy Mass-7, 9:30 a.m., and 12:30 p.m. Clerk-Typist, GD-3 or 4, Code 40051 -Types reports and technical material from

Daily Mass-11:30 a.m. in Blessed Sacra-

Christian Science (Chapel Annex)-

Morning Service—10 a.m. Sunday School—10 a.m.

Protestant-(All Faith Chapel)-

DIVINE

Confessions-7 to 8:00 p.m. Saturday. NOTS Jewish Services (East Wing All Falth

Chapel)-8 p.m. every first and third Sabbath School—10 a.m. to noon, every

first and third Saturday. P. O. Box 5436, China Lake, or phone performs miscellaneous office - clerical du-NOTS Ext. 725591.

### MEET YOUR COUNCILMAN

This is the 20th in a series offered by the Rocketeer to better acquaint residents with China Lake Community Council precinct representa-

Donald I. Mayeau, RMC, is a new member of the China Lake Community Council. representing Precinct 9, and has been stationed at NOTS for the last year.

Mayeau is at Chief Radioman in Naval Communications, Code 856, and carries his skill into several radio clubs in his offduty time. His study in service schools followed college work in trade electronics. Fishing and baseball keep

Don outdoors in season, and he has played service football for five years. He and his wife Jewel make their home at 200 Segundo with their four children, Donna, 12; Sharon, 10; James, 3, and Edward 2.

Don comments that his interest in the work of the Com-



DONALD I. MAYEAU, RMC

munity Council is strengthened by a desire to be acquainted with the residents of his community and to be in the thick of its activities.

### **Questions Answered On Political Activity**

With the November elections just a few short weeks away, and considering that this election holds a great deal of interest for all, the questions and answers below have been prepared to provide information as to the political rights and restrictions of Federal employees.

All Federal employees are governed by the Hatch Act, a law that states what an employee can and cannot do as pertains

Naturally, all Federal employees not only can vote, but have obligation to do so. For the first time the Civil Service Commission in 1964

emphasized the "positive" aspects of the Hatch Act. Two new permissive activities for Federal workers were allowed. The right to wear political badges and buttons at work and the right for Government workers to have political stickers on their cars when they drive to work and even when they park on Government property.

An employee covered by the Hatch Act cannot run for any office as a partisan candidate or campaign for any partisan candidate or engage in any partisan political management. A partisan candidate is one representing a National or State political party such as the Democratic or Republican party.

Q. Does the Hatch Act apply to part-time Government employees?

Q. What employees are prohibited by the Hatch Act from active participation in politics?

A. Employees of the executive branch of the Federal Government (which includes workers employed by the Navy Department) and the Government of the District of Columbia, including temporary and part-time employees.

The only exception to this is when the Civil Service Commission allows a partial exemption to employees living in certain communities as pertains to participation in local elections. Under this exemption, a Federal employee may run for office as an independent in a local election in which partisan political designations are used.

A. The most severe penalty for violation is removal. The minimum penalty is suspension without pay for 30 days.

### (Continued on Page 7)

project responsibility for the design, development and testing of present and future configurations of the Shrike missile launcher system.

and testing of present and future and its, and physics with a working knowledge of general engineering principles.

File application for above with Joar

Chipp, Bldg. 34, Rm. 26, Phone 72676.

Code 17 — Incumbent assumes full duties and responsibilities of the Disbursing Officer, formerly occupied by a military officer. Responsible for military payroll, civilian payroll, disbursing travel claims, special pay, etc. Qualifications: Three years general experience and two years specialized.
File application for above with Sherry
Scheer, Bldg. 34, Rm. 26, Phone 71577.

630045, Code 3067 - Incumbent supervises 630045, Code 3067 — Incumbent supervises and instructs the radar crews in installa-Cheever, Bldg. 34, Rm. 34, Phone 71514.

Mechanical or Aerospace Engineer, GS9 or 11, Code 400511 — This position, located in the Missile coordination Group, is that of a project engineer for the Shrike airframe and launcher system. The incumbent will initiate and coordinate work performed by other station organizations and in electronic instrumentation, including specialized work with micro-wave pulse. formed by other station organizations and ing specialized work with micro-wave, pulse Shrike missile contractors. He will have digital, and radar equipment. Should have college-level courses in electronics mathe

File applications for above with June Cheever, Bldg. 34, Rm. 34, Phone 71514.

Chipp, Bldg. 34, Rm. 26, Phone 72676.

Cheever, Bldg. 34, Rm. 34, Phone 71514.

Electronic Engineer (Instrumentation),
GS-9, PD No. 28852, GS-11, PD No. 28852-1, Fiscal Accounting Supervisor, GS-501-9, or GS-12, PD No. 130066-1, Code 3073 -Performs electronic engineering related to and time-position systems applied to tests SNORT, B-4, and G-4; will be primarily concerned with sled-borne radio - link and ground - based landline telemetering systems. Excellent opportunity to gain expe rience with telemetering systems, and to develop competency in electronic data ac-

### **Questions Answered**

(Continued from Page 2)

Friday, September 16, 1966

Q. Please explain for employees affected by the Hatch Act just what their responsibilities and rights are under the act.

A. They have the right to vote and to express their political opinions, but are forbidden to take an active part in partisan political management or in partisan political campaigns. Q. May a Federal employee serve as an election officer?

A. Yes, provided that in doing so he discharges the duties of the office in an impartial manner as prescribed by State or local law, except that he may not become a candidate for such office in a partisan election.

Q. May a Federal employee serve in an unofficial capacity at the polls as a checker, challenger, distributor, or watcher, or in any other post in behalf of a partisan political candidate or partisan political party?

A. No. He may not assist such candidate or party in any way at or near the polls.

Q. May a Federal employee use his auto to take voters to the polls on election day, or lend it, or rent it for this use?

A. Generally, no. However, the employee's auto may be used to transport himself and members of his immediate family to the polls. In addition, members of a car pool may stop at the polling place to cast their votes on the way to or from their places of employment.

Q. May employees covered by the Act attend political rallies and join political clubs?

A. Employees covered by the Hatch Act can attend political rallies and coffee hours, and join political clubs, but they cannot take an active part in the conduct of the rally or operation of the club. Other things they are prohibited from doing are becoming involved in soliciting or collecting political contributions, distributing campaign material, and selling dinner tickets, or otherwise actively promoting such activities as politi-

Q. May an employe who is subject to the Hatch Act write a letter to the editor of a local newspaper, expressing his opinion on a partisan issue?

A. Yes, but he must not solicit votes for or against any political party or candidate. If he solicits votes, it is a Hatch Act violation.

Q. May he make a campaign contribution to his party?

A. Yes, but he cannot be required to do so. The contribution cannot be made in a Federal building or to some other employee who is prohibited by Federal law from accepting contributions. Of course, as a Federal employee, he cannot solicit political contributions.

Q. May a Government employee's wife who is not a Government employee help a friend campaign for political office?

A. Yes. The Act does not restrict the activities of an employee's wife or of other members of his family in any way. Q. What should an employee do if he does not know whether a certain activity violates the Hatch Act?

A. Since ignorance of provisions of the law will not excuse a Government employee from penalties for violation, he should present the matter in writing to the U.S. Civil Service Commission, Washington, D.C. 20415 before engaging in the activ-

### **President Sets** Sept. 18-24 As **Highway Week**

In proclaiming the week beginning Sept. 18 as National Highway Week, President Johnson said, "It is essential that Americans understand and appreciate the importance of highway transportation to their social and economic progress, and to the defense of our Nation; that they recognize the individuals and industries that highways."

### **Our Yesterdays**

TWENTY YEARS AGO

Door - to - door mail deliv-

ery may become a reality here if plans currently being discussed by administrative authorities materialize. An effort is being made to improve the mail system by local officials in conjunction with the United States Postal Department. **FIVE YEARS AGO** 

The Police Branch reports portation system possible; and there were 1 Federal violation, that they support and partici- 8 state violations, 10 County pate in programs to improve violations, 6 Station directive the safety and beauty of our violations, and 32 traffic citations issued.

### Dreams come true with



u.s. savings bonds Now paying 4.15% to maturity

### Sign Up Now For Youth Football

Hey kids! Saturday is your last chance! Your last chance that is if you want to sign up for Indian Wells Valley Youth Football.

have to be at Kelly Field by no later than 9 a.m. on Satur-Boys from about the 4th

To get in on the fun, you'll

grade and weighing no less than 70 pounds are eligible.

### **Red Cross Offers** Service, Comfort

(Continued from Page 5) Nursing Services, a blood program, youth program, water safety services, first aid services, small craft safety services, disaster services, and inter-

national services.

These titles, although quite descriptive, definitely don't go into detail. Under "Services to the Armed Forces" alone you'll find such functions as service to military families, service to military installations, supplemental recreational activities overseas, and services in military hospitals, just to name a

Aside from the military aspect, one must also consider the "local disaster." By Red Cross definition, a disaster is any catastrophic occurrence happening to five or more families, and disaster, assistance is both immediate help with medical care or shelter

and long term rehabilitation. Many Disasters Annually

More than 4,000 "disasters" happen each year in the United States in which Red Cross assistance is required. Kern County for example, has had help with earthquakes, train wrecks and explosions.

Another regularly rendered service is reporting. Persons having relatives or friends in an area affected by a disaster, where normal telephone service has been interrupted, can call the Red Cross and a health and welfare inquiry will be quickly made.

In most cases, the Red Cross can get a report long before it could be obtained by any other method.

Won't You Help?

Any person interested in volunteering their services to the American Red Cross are invited to contact the local office at Old Dorm 15, on Nimitz behave made our highway trans- that for the month of August tween Hussey and Lauritzen or fast attack carrier strike force. call 375-5153.

### **Red Cross Mails Xmas Ditty Bags** To Vietnam GI's

Operation Shop Early has been launched by American Red Cross chapters to make Christmas holiday season brighter for U.S. servicemen in South Viet Nam. ARC is developing tropical ditty bag for use in hot, humid climate.

Bags will be filled with personal items ranging from ball point pens to foot powder and books and tapes for recording personal messages home. ARC is urging all chapters and participating organizations to mail their bags before mid-October.

CHIEF FRANK R. DE LEON

**ACTIVE DUTY—Chief Frank** 

R. DeLeon, recently a member of the local Sea Bee Reserve Division 11-2, has been transferred to active duty. DeLeon, an army veteran who joined the local unit in 1956, was employed by NOTS Public Works until his request for transfer. This will be his first tour of duty with the Navy. His wife and family will remain in the China Lake area until he receives a permanent duty assignment. In announcing his transfer, LCdr. Richard D. Malone, Commanding Officer of the Sea Bee unit also noted that there are still billets available for personnel with experience appropriate to Sea Bee rates such as builder, equipment operator, electrician etc. Persons interested in joining may contact LCdr. Malone at 723563 or Chief Nelson at 375-2448.

### Navy's Newest **Destroyer-Type Ships Operating**

Navy's newest combat ready class of destroyer-type ships, the DE-1040 class ocean es corts, began its first extended period of actual fleet operations with the recent deployment of USS Bradley to the Western Pacific. Bradley is operating as a unit of the U.S. starting on Saturday, Septem-Seventh Fleet, attached to a

The Bradley's weapon systems include the latest concepts in submarine detection and kill capability, in addition to substantial anti-surface, anti-air, and naval gunfire support potential.

### **Ballet Society Fall Sessions** To Start Soon

The China Lake Children's Ballet Society registration has been set for Saturday, September 17, from 2 to 4 p.m. at the Ballet Hut located on Rowe Street.

For the past six years the society has been active in making available to the youth of the Indian Wells Valley, the opportunity of taking Ballet lessons from qualified teach-

The object of the society is to further the cultural and social heritage of the children of the community.

Further information may be obtained at the time of registration or by calling Ed Short

### **Rifles - Shotguns** Are Available To **Military Hunters**

Military personnel who have a valid hunting license may check out rifles and shotguns at the armory for hunting pur-

The armory hours will be 8 a.m. to 10 a.m. Monday through Friday. Check out chits must be obtained at the Special Services Office prior to checking out a weapon.

### Ski Club Meeting **Set for Tuesday**

The first meeting of the China Lake Ski Club is slated for Tuesday, September 20 at 8:15 p.m. at the Community Cen-

Movies will be shown of the club's 1966 Ski Race Party and both skiers and non-skiers are

The first party of the season will be held on Saturday, September 24. Details will be discussed at the meeting

### Classes Available In Scuba Diving

The Sage Sharks Diving Club has announced a course in basic scuba will be given ber 24, at 9 a.m. at the Sta-

The course will last eight weeks and is open to all good swimmers, 16 years of age or

Further information may be obtained by contacting H. Cronin at 72730.

### Flag Football Schedule

13	September	Chargers vs. Vampire
	September	
	September	
	September	All Stars vs. Charger
	September	
	September	
4	October	Desert Rats vs. Vampire
6	October	
	October	Chargers vs. Vampire
13	October	. Desert Rats vs. All Star
	October	
	October	All Stars vs. Charger