

Welcome Aboard



ENS. RONALD D. LINDER starts out the new year as a member of the Public Works team, after reporting to NOTS last month as a newly commissioned officer in the Civil Engineer Corps.

Blue Cross Ins. Agent To Visit Station Thurs.

Norman R. Smith, Blue Cross Representative from Bakersfield, will be aboard the Station on Thursday, Jan. 12, at the Community Center from 9 a.m. to 4 p.m., according to T. J. Haycock, Head, Employee Management Relations.

SHOWBOAT

FRIDAY JANUARY 6 "KALEIDOSCOPE" (103 Min.) Warren Beatty, Suzannah York 7:00 P.M.

SATURDAY JANUARY 7 "MATINEE" "SWORD OF ALI BABA" (80 Min.) Peter Mann 1:00 P.M.

SUNDAY-MONDAY JANUARY 8-9 "THE LOST COMMAND" (129 Min.) Anthony Quinn, Michele Morgan 7:00 P.M.

TUESDAY-WEDNESDAY JANUARY 10-11 "AN AMERICAN DREAM" (103 Min.) Stuart Whitman, Janet Leigh 7:00 P.M.

THURSDAY-FRIDAY JANUARY 12-13 "RAGE" (103 Min.) Glenn Ford, Stella Stevens 7:00 P.M.

Civil Service To Observe Birthday With Dinner Dance

The 84th anniversary of Civil Service will be observed with an anniversary ball and banquet on Friday, Jan. 13, at the Community Center.

The occasion marks the anniversary of the Civil Service Act, signed into law on Jan. 16, 1883, which has stood for 84 years as the cornerstone of the American Civil Service System.

The public is invited to attend this observance of Federal Civil Service. Donations are \$3.50 per person and may be obtained at the Community Center.

"We wish to reemphasize that Civil Service plays an indispensable role in representative Government and that only an informed public can preserve a career system built on merit principle.

"To increase public knowledge of the work carried on by Government employees and to give the public understanding of programs and services affecting the day-to-day life of every citizen.

"Civil Service is made up, by and large, of men and women to whom service is more than an idea. They may never get rich, but they find a substantial measure of satisfaction in serving their government and their fellow-citizens."

There are approximately 15,000 different occupations in Civil Service, some 20,000 employees in the physical sciences, nearly 50,000 in engineering, 66,000 in medicine and allied fields, Arisman pointed out.

Federal agencies and establishments in more than 100 cities throughout the United States will observe the anniversary with special events and ceremonies.

Mars And Beyond Is Movie Feature Of Society Meet

A color movie, "Mars and Beyond," will be the feature of the January 9 meeting of the China Lake Astronomical Society to be held at the society's clubhouse at 401 McIntire St. at 7:30 p.m.

The film tells about what is known of the red planet with some speculation about life on Mars and other planets. All interested persons are invited.

Plans for 1967 activities will also be discussed during the meeting. The new officers elected at the December meeting are: George Stillwell, President; Don Peterson, Vice President; Ben McLane, Secretary; and Carroll Evans, Treasurer.

At the end of July, 1966, the total amount of U.S. Savings Bonds outstanding exceeded \$49,798 million.

Airmen Promoted At NAF



RECEIVE PROMOTIONS — LCdr. Norman B. Nash (l) and LCdr. Richard H. Cooke, both assigned to NAF, were recently awarded their new leaves and shoulder boards.

Film Society To Screen Ford's 'The Informer'

The first half of the 1966-1967 season of the China Lake Film Society will come to a close with the screening of "The Informer" in the East Room of the Community Center at 8 p.m., Monday, January 9 and Tuesday, January 10.

This John Ford film, winner of four Academy Awards as well as many other honors, has been established as a landmark in the history of cinematic art and a standard of film excellence for direction, photography, scoring, and acting.

The second half of the season will begin February 13 and 14, with the showing of "Drunken Angel," a film directed by the Japanese master, Akira Kurosawa. Tickets for the second half of the season will be available at the door.

GEBA Assessments No. 123, 124, 125 Are Now Due

Members of GEBA - CLMAS are informed that assessments number 123-51, 124-52, and 125-53 are now due. These assessments have been levied due to the deaths of the following members the past month: Thomas C. Dodd; Clarence H. Smith; and Joseph M. Leshia.

Payments of \$3.60 may be mailed to Joseph M. Becker, Secretary - Treasurer at 77-B Renshaw, China Lake.

Stamp area with fields for 'From', 'TO', and 'PLACE STAMP HERE'.



Capt. J. I. Hardy To Give Talk At Business Meeting

Captain John I. Hardy, COMNOTS, will be one of seven featured speakers participating in the 10th annual Kern County Business Outlook Conference meeting on economic prospects for 1967.

The event, arranged by the Kern County Board of Trade, is scheduled for next Wednesday, January 11 at 9:15 a.m. at the Hacienda in Bakersfield.

Capt. Hardy's role in the morning panel discussion on "The Outlook for Kern County" will be a discussion of "Viet Nam and the Defense Industry's Role in Kern County Economy."

Maj. Gen. Hugh B. Manson, commanding officer of the Air Force Flight Test Center at Edwards Air Force Base will join Capt. Hardy in the same subject.

The panel will also feature talks by recognized authorities in their field who will also discuss their views on the outlook for 1967 in Kern County.

Water Is Topic At Meeting Of Engineer Society

The Desert Empire Chapter of the California Society of Professional Engineers held their monthly meeting at the Commissioned Officers' Mess, the evening of December 14.

Wives and guests were invited to a talk and film given by Carl L. Stepson, Engineer with the State of California, Department of Water Resources.

He presented an up-to-date review of the State water project which is scheduled to deliver water in the San Joaquin Valley in 1968 and to areas of Southern California by 1971.

It was further noted that in addition to the delivery of water from the Oroville Dam to the arid region of Southern California, additional benefits will be derived from multiple recreational sites to be developed in conjunction with the required reservoirs.

Out of town guests included William Naef, Defense Contract Administrator from San Francisco, Robert Jasper, Manager of Tehachapi - Cummings County Water District, and Mr. and Mrs. John Reaves of Rickett, Reaves and Ward, Engineering Consulting Firm of Bakersfield.

Eli Zeitlin, Chairman of the Desert Empire Section, CSPE, presided.



Vol. XXII, No. 1 Naval Ordnance Test Station, China Lake, California Fri., Jan. 6, 1967

Lee A. Shepherd Makes Debut As First Baby Of The New Year



NEW YEAR BABY — Mrs. Patricia Shepherd, wife of ATR2 Barkley Shepherd, shows off her new son, Lee Allen, to Nurse E. L. Dannan. Lee was the first baby of the year in the surrounding area. It is the family's fourth child, but the first son. He was delivered by Dr. John R. Anderson at 9:12 a.m. on January 1.

First Baby Born In Local Area Is Shepherd Boy

Lee Allen Shepherd, 8 lbs., 1 1/2 oz., has the distinction this year of being the first baby born, not only in the Station Hospital, but in the surrounding area as well.

The new infant, the son of ATR2 Barkley and Patricia Shepherd of 230 Robalo, China Lake, made his appearance known at 9:12 a.m., Jan. 1, to take his place as number four child in the Shepherd family, but with the proud distinction of being the first boy.

"You bet I was hoping for a boy," said the proud father. "After all, four females in one family is enough."

"Seriously, however, we are very grateful to Dr. John R. Anderson and Nurse E. L. Dannan, as well as the rest of the staff. It's gratifying to know that you can put your family in their hands and know that you are getting the best."

Shepherd, who works in the Auto Pilot section of the NAF Target Department, entered the Navy in June, 1956 and took boot training in Baltimore, Md. Before his assignment to NAF, he was stationed with RVAN 5, Sanford, Fla.

Young Lee will meet his sisters, ages 8, 5, and 17 months, sometime Thursday morning.

Local Teachers Offered Course In Field Science

A University of California course, "Field Science for Teachers," will be taught beginning on Friday, January 6, 7 to 10 p.m., Room 17, Murray School, China Lake.

The course, commonly called Desert Natural History, has been taught for the past 10 years and is composed of field trips into the desert. Class members may bring their immediate family on the trips which will emphasize geology this quarter.

The course, offered by U.C. Santa Barbara, grants three quarterly units of credit for \$40.00 tuition. The classes will meet from January through March, which is the winter quarter, and will resume again in April for the Spring quarter with emphasis on Biology of the Desert.

Three week-end trips into Death Valley will be taken and two one day trips into the surrounding desert. The instructor is Mr. L. W. Brubaker of China Lake.

Navy League First Regional Meet

Officers and members of the Navy League's Eleventh Region Executive Committee will arrive at NOTS tomorrow for their first regional staff meeting of the new year, featuring reports and discussions on 16 different topics, programs and events.

Wyatt, a master at establishing new careers, is a veteran of World War II and Korean War service and now is a reserve Captain serving as Plans Officer at Los Alamitos Naval Air Station. He has also been a college staff member and professor, then a management consultant and recruiter. He maintains a busy speaking schedule and is the author of books and articles on education themes.

The Navy League's Indian Wells Valley Council, led by its President Milford C. Carlson, will be represented at the gathering tomorrow. The Regional representatives will be headed by region president George C. Gilman.

One of the topics, the League's "Operation Highline" aimed at Navy men approaching the beginning of a second career, will be furnished with fresh material from a presentation this evening at 8 at the Community Center.

Frederic A. Wyatt of North Hollywood, a management consultant, will discuss the pro-

After the Navy Leaguers' arrival here by noon tomorrow, they will be welcomed by Capt. J. I. Hardy, COMNOTS, and briefed on Vietnam topics by Lt. P. L. Toland and on the Porpoise Program and small submersibles by Dr. W. B. McLean, Technical Director. The Leaguers' staff meeting will follow luncheon at the Officers' Club.

CROSSWORD PUZZLE section with 'ACROSS' and 'DOWN' clues and a grid. Includes 'Answer to Previous Puzzle' and 'Distr. by United Feature Syndicate, Inc. 1/p'.

Navy's Top Handyman



LIFE PHOTOGRAPHER — Shown with Dr. William B. McLean is Life photographer Bill Ray, right, who was teamed with reporter John Riley during their week's stay here. Six of his pictures accompanied the highly praising article.



CLOSE-UP
DR. McLEAN,
SIDEWINDER'S
INVENTOR,
TACKLES
THE DEPTHS

McLean (left) directs in testing pool with propellant test chamber. The chamber is a plastic model of the actual test chamber, which will carry main test chamber. "There are many jobs to be done in the room. The experimental program, like the other one, is experimental, but it will have more precise and exact" he says on a daily basis.

The Navy's Top Handyman

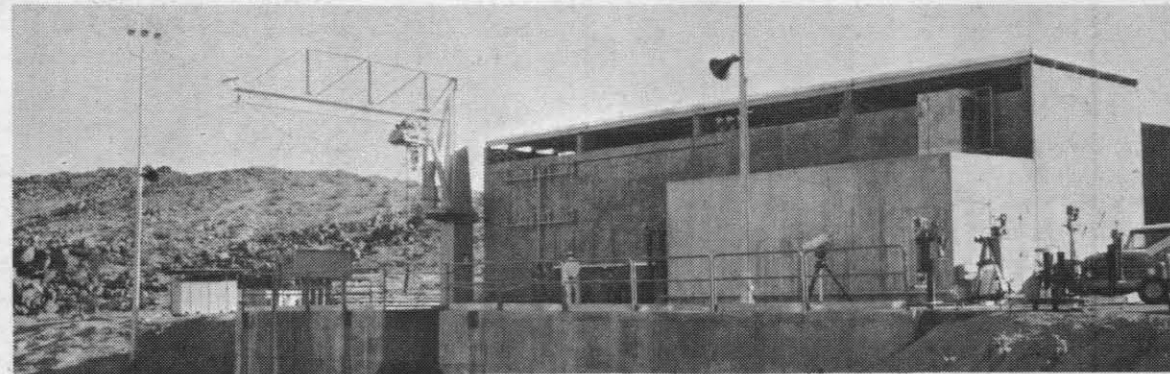
It's a great comfort, as any housewife can attest, to have a man around to fix things and figure out better ways for doing everyday tasks. Dr. William B. McLean, the respected man above, does just that as the U.S. Navy's top handyman. Working in his home garage in the 1950s, he invented the Sidewinder target-seeking missile, which has proved itself repeatedly against Soviet-built MiGs in Vietnam. Now, as the civilian technical director of the U.S. Naval Ordnance Test Station in China Lake, Calif., he is research and development boss of the largest defense laboratory in the Western world. There McLean directs a highly secret program in all areas of

LIFE LAUDS TECHNICAL DIRECTOR — On November 18, the Rocketeer reported that a Life Magazine reporter and photographer spent a week touring the many facilities of NOTS with Technical Director, Dr. William B. McLean in order to do a story for the magazine on the Doctor. The article appears in the January 6 issue, now on the news stands, and praises Dr. McLean highly. It refers to him twice as the "Navy's Top Handyman," and is complete with six pictures showing some of the projects he is involved with.

Pediatrics Ward Receives Gifts

Every year around Christmas time it is almost a certainty to hear such statements as, "Christmas should be only for the kids," "Christmas is too commercial," or "Nobody remembers the true meaning of Christmas anymore." Such is not the case according to the Station Hospital staff. It seems that at least three local clubs — NAF Officers' Wives, Chief Petty Officers' Wives, and Hi-Desert TOPS — contributed many gifts to the Pediatrics Ward which, according to Capt. E. J. Jaruszewski, Medical Officer, greatly augmented the care of these patients.

New Facility at Skytop Consolidates Testing



FIRING BAY READY—250,000 lbs. of sustained thrust is the limit for the recently completed firing bay for testing liquid propellants by Code 45. Complex, located at Skytop test facility, includes control building, out of sight.

BY JOHN R. McCABE

A new liquid propulsion testing facility at Code 45's Skytop test complex was formally opened Monday, December 19, to give NOTS increased testing capability and consolidation of facilities.

The completion of the two-year project, costing about \$1,300,000 in total, brings Propulsion Development Department's liquid test facilities over the hills to its main test area from a former location in Area R. The new firing facility and control building were formally opened by Capt. H. J. Hartman, Officer in Charge of Construction; Capt. Atlee F. Clapp, Staff Assistant to the Commander; and Dr. G. W. Leonard, Assistant Technical Director for Development and head of Code 45.

Wide Capabilities

The capacities and capabilities of the facility, newly set into operation, show the wide range of its availability for tests of all kinds and sizes. According to Don Peake of Public Works' Engineering Division, who was project design engineer, the test bay is built to take up to 250,000 pounds of continuous thrust from test motors, or an instantaneous thrust of 1,250,000 pounds.

He also points out that the control building was built so that it can be pressurized to keep out toxic fumes from the firing bay, should the prevailing southwesterly wind unexpectedly shift. The Bay's termination room, containing control cables and relays, is also pressurized to exclude any ignitable fumes.

In the facility's control building, men of Code 45's Ballistics Test Branch designed and installed instrumentation that provides 100 control channels and 80 data channels for controlling and acquiring thrust, pressure, temperature, fuel flow and acceleration data. Two TV monitors in the control room give operators a view of its outside firing activities. According to Dale Randle,

OPENING FOR BUSINESS — Capt. Atlee F. Clapp, Staff Assistant to the Commander, and Capt. H. J. Hartman, NOTS Officer in Charge of Construction, cut ribbon opening new liquid propellant test complex at Code 45's Skytop. Public Work's Don Peake was project design engineer, supervising work by Ralph M. Parsons Co.



VIEWING NEW FACILITY — Capt. Atlee F. Clapp, Staff Assistant to the Commander; Dr. G. W. Leonard, head of Propulsion Development Dept., and Capt. H. J. Hartman, NOTS Officer in Charge of Construction (l-r) listen to explanation of control systems in new facility by Crill Maples, head of Code 45's Quality Assurance Div.

who served as Branch Head until the project was completed, 12 electronic sequence circuits control firing functions to within one millisecond of accuracy. Two one-inch magnetic tape transports in the control room gather data on 28 multiplex channels, so that five channels can be recorded on each tape track. Also, two 24-channel oscillographs provide "quick-look" data.

Working on the instrumentation for the new facilities with Randle were Bill Francis, Instrumentation Section Head, and Roy Johanboeke, Operations Section Head. Although the potential of the newly readied liquid fuel test facility is yet to be called upon, some 40 small firings have been carried out so far. All have indicated the promise of Propulsion Development Department's advanced installation.

Other parts of the facility include storage for 250 cubic feet of liquid nitrogen, a 60,000 gallon water storage tank

and a diesel pump to supply it at 2,500 gallons per minute and 70 pounds per square inch pressure for deluge cooling. Storage facilities for fuel and oxidizer can accommodate 1,100 gallons of each. The control building, over 550 feet away from the firing bay, is covered with two feet of earth. It is banked with earth on three sides and a one-foot thick wall of reinforced concrete on the fourth.

New Plane Delivered To VX-5

A-7A Corsair II Receives A Berth At Air Facility

Delivery of the new A-7A Corsair II aircraft was made on December 23 at Air Development Squadron - Five. The plane, piloted by Marine Major R. A. Gustafson, is currently assigned to the squadron's Projects Department. The arrival of the Navy's newest light attack bomber was made public in an announcement by Capt. W. B. Muncie, VX-5 Commanding Officer.

The aircraft, Number 31 off the LTV assembly line, is among the first to be placed in an operating squadron. VX-5 is the second west coast naval installation to receive the new aircraft on permanent assignment. Formal acceptance of the A-7A into the Navy was made during ceremonies at Cecil Field, Florida on October 14.

VX-5 aviators qualified to pilot the Corsair II include Capt. W. B. Muncie, LCdr. L. B. Keely, Maj. R. A. Gustafson and Lt. W. E. Turlay. Maintenance training programs have been conducted by factory representatives in Dallas, Texas and by personnel assigned to Attack Squadron 122 in Lemoore, Calif. According to VX-5 maintenance officer, LCdr. L. B. Keely, "Squadron personnel have been trained in every aspect of A-7A support."

Tests and evaluations of Corsair II ordnance capability and delivery techniques are expected to commence immediately. The A-7A is in addition to existing VX-5 project aircraft consisting of A-4 Skyhawks, A-6 Intruders, and F-4 Phantom IIs.

The Corsair II is, however, no stranger to China Lake. Earlier in its development program, flight test work was conducted here as well as at the Naval Air Test Center, Patuxent River, Md., the Naval Weapons Evaluation Facility, Albuquerque, N.M., Edwards AFB, Calif., and at Dallas, Tex.

In addition to carrying multiple combinations of weapons, the Corsair II's long range capability can be traded for reconnaissance time over the target area.

The plane, designed to provide a stable bombing platform at low level, also has the agility and performance of a fight-



BACK FOR KEEPS—The new A-7A Corsair II light attack bomber was recently assigned to VX-5 and is only the second one to be assigned on the west coast. It is no stranger to China Lake however, as it went through several tests here

during the early development program. Other tests were conducted at the Naval Air Test Center, Patuxent River, Md., and the Naval Weapons Evaluation Facility, Albuquerque, N.M. To date four flyers have qualified in it.

er aircraft at that level. The aircraft's self-defense capability includes 20mm rapid firing cannons, one on each side of the fuselage, and air-to-air missiles.

Because of its design, the Corsair II can fly in the "nap" of the earth, operating below the effective capability of radar screens and ground-to-air missiles.

It also is able to evade enemy supersonic fighters close to the ground and its endurance permits it to outlast enemy supersonic aircraft in defensive maneuvers at low altitude.

The A-7A carries 1,500 gallons of fuel in its internal tanks and can carry an additional 1,200 gallons externally.

The Corsair II is powered by a Pratt & Whitney TF-30-P-6 engine. This 10,000 pound-thrust engine is a twin spool, axial flow turbo-fan with full-length fan ducting, giving it a very high thrust and flexibility.

The A-7A, received in December, is the first of two scheduled to arrive.



TAKES DELIVERY — Capt. W. B. Muncie, VX-5 Commanding Officer, takes delivery of the new A-7A Corsair II aircraft from Marine Major R. A. Gustafson. The new craft is the second received on the west coast. The plane is a light attack bomber.

Cycle Safety Eyed

(Continued from Page 3) to wear the proper clothing for every riding occasion.

Riding defensively, says one veteran motorcycle patrolman, means assuming that other motorists do not see you, and will do the wrong thing if they do. Using traffic rules as well as the seat of the pants is part of the game.

Using the bike as it was designed to be used, which the pros in cycling take for granted, means riding a scrambler in the boon docks, keeping the ultra-lightweight on the lanes and by-ways, and investing in a powerhouse if freeway cruising is on the schedule.

How To Spot a Pro

Of equal importance to these rules, but of especially great interest these days, is the matter of motorcycle clothing — and most especially the helmet. The cycling pro is recognized — on and off the track or circuit — by his dress as well as his style. He wears the best helmet he can afford, heavy footgear, riding gloves and stout clothing, usually leathers.

Many more details and much background information can be found in magazines of the cycling sport and in materials collected and compiled by the NOTS Safety Department—for the person who is serious about his cycling and wants to keep out of the statistics files.

Yokut Indian Will Present Talk

One of the few remaining Yokuts Indians of Kern County, and an authority on the history and traditions of her tribe, will be the next speaker on the Maturango Museum's program schedule, in the Weapons Exhibit Center hall, on Thursday night, January 19, 1967. The talk will begin at 7:30 p.m., and the public is welcome.

In response to interest generated by installation last fall of the Yokuts Indian show-window in the Visitors Center, the museum board of trustees authorized Program Chairman Jim Baird to book Mrs. Lydia Gilbert, "The Yokuts Lady," at

her earliest open date. She will be brought to China Lake by John Dowty, associate director of the Kern County Museum, to add personal observations and research to the information accumulated by Curator Alice Dubin when she assembled the material on exhibit, on loan from the county museum in Bakersfield.

The museum will be open before and after the lecture, allowing guests to view the window and prepare questions for the speaker to discuss. Artifacts displayed are indicative of the skill and ingenuity of the Yokuts, whose habitat ex-

tended as near to Indian Wells Valley as Grapevine Canyon, and whose basketry was in such demand that it could be traded for almost any kind of wares with tribes as remote as those on the extreme west coast.

The Sierra Desert Gun Club reminds shooters that when shooting, know the potential of your gun, what it can do. Make sure that you have an adequate back stop. Keep the firing line and shooting area clear of other people — ALWAYS REMEMBER — CHILDREN LIKE TO ROAM.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638



PERSONNEL INSPECTION of the USS Butternut (AN9) included advance in rate for four of the ship's personnel. Lt.(jg) J. D. Berchild, ship's First Lieutenant (2nd from left), looks on as Captain G. H. Lowe, Officer in Charge, NOTS, Pasadena, congratulates Mike Cassell on his advancement to Radarman 2nd Class. Other advancements were (left from Lt. (jg) Berchild), Richard K. Rohrbacher to Boatwainmate Chief; Clifford Brown to Seaman (in background) and Alfred Aguilera to Fireman.

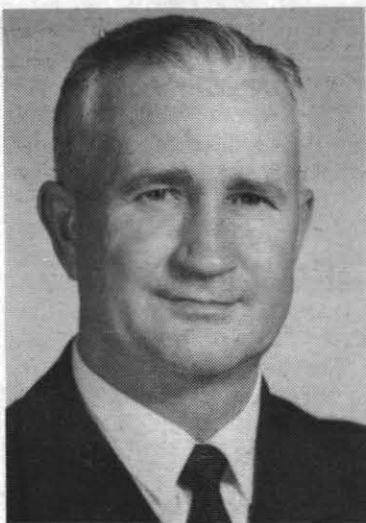
Reporting to NOTS as Sea Operations Officer, Lt. Joseph V. Gay comes from duty aboard the USS Gunston Hall (LSD-5) where he served as First Lieutenant. Previously he handled Officer Programs at the Los Angeles Recruiting Station. A native of Louisiana, Lt. Gay enlisted in the U.S. Navy in 1939 and was commissioned in December 1961. He and his wife, Thelma, have a son, Joseph V., Jr., 24, and daughter, Melanie, 12. The family is residing in Hawthorne, California.



ADDITIONAL AWARDS for patents are received by Dr. Halley Wolfe, Head of the Guidance Branch, P8042; and John D. Brooks, Physicist in P80403 (l-r). Capt. G. H. Lowe, OinC, makes the presentations. Dr. Wolfe's award was for a "System For Measurement of Electrical Conductivity of Fluids." Brooks received additional awards for two of his patents, "Helical Fluid Signal to Pressure Signal Converter," and "Signal Summing Point Device For Hybrid Fluid and Electronic Controls."

Lt. J. Gay Reports As Sea Operations Officer

Reporting to NOTS as Sea Operations Officer, Lt. Joseph V. Gay comes from duty aboard the USS Gunston Hall (LSD-5) where he served as First Lieutenant. Previously he handled Officer Programs at the Los Angeles Recruiting Station. A native of Louisiana, Lt. Gay enlisted in the U.S. Navy in 1939 and was commissioned in December 1961. He and his wife, Thelma, have a son, Joseph V., Jr., 24, and daughter, Melanie, 12. The family is residing in Hawthorne, California.



Pasadena Board of Examiners Join L.A. Interagency Board

Effective January 1, 1967, the U.S. Naval Laboratories in California, Board of U.S. Civil Service Examiners for Scientists and Engineers (the Pasadena Board) will become a part of the Los Angeles Interagency Board.

As a division of the Los Angeles IAB, the present staff members will remain and will

be under the direction of Mr. Tom E. Davis, Assistant Executive Officer for Science and Engineering. The address will be as follows: The Professional Council for Federal Scientists and Engineers, 1030 East Green Street, Pasadena, California 91101. Telephone numbers will remain the same — (213) 795-3235 and 681-5093.



TWENTY-YEAR MEN — Capt. G. H. Lowe, Officer in Charge (r), presents certificates and lapel pins to personnel of the Systems Operations Division on completion of 20 years federal service. From left, Gordon Taylor and Gene Krug each received a 20-year federal service pin; Joe Taber was awarded a 20-year federal and 20-year NOTS pin; and Jack Zaun received a 20-year NOTS pin. Pictured below, Joe Berkich (r), is awarded a 5-year NOTS pin from D. A. Kunz, Systems Operations Division Head.



The average investment of persons buying U.S. Savings Bonds through the Payroll Savings Plan is \$24 per month.



THE 1966 YMCA MATHEMATICS SEMINAR students were hosted on station last week by Tom McKinney, P8043. The eighth grade students from Pasadena schools are selected for this specialized program by their counselors. Accompanied by Ken Yoder,

Pasadena High School teacher and Seminar Coordinator (shown left), the visitors viewed the film on "Undersea Technology" prior to a conducted tour of station laboratories where they were briefed on current projects by technical personnel.

Cycling Safety is Issue Of Concern by NOTS

The "good old days" of motoring, when four wheels were as adventurous as two, may never come again, but the last dozen years have given us evidence that a new motoring era may be on its way — this time, featuring the motorcycle.

California contains the plurality of the nation's fast-growing numbers of recruits to the two-wheeled sport, and also the bulk of its two-wheel accident statistics. This is a concern with which the Eleventh Naval District is coping, most recently in a ComEleven Instruction of last November stressing cycle safety for its many aficionados.

"Many serious or fatal accidents to motorcycle riders can be prevented by wearing a properly designed helmet," notes the Instruction, which goes on to point out the importance of other safety clothing and of education programs throughout the District. It recommends, in fact, that safety and training programs be established and that regulations for the wearing of approved helmets be made.

Problems vs. Potential
The Good New Days of cycling, especially in California, are recruiting larger and larger crowds of men, women and children from all "walks" of life. But many individuals, including alarmed medics, disenchanted oldtimers, and nervous citizens at large, are not entirely happy to see the new

dispensation in motoring. Unfortunately, too many of the million and a half - some registered cycle riders in California feed the disenchantment with a careless approach to the sport. This attitude shows up, after all, in a rising number of deaths — some 1,580 across the country in 1965 — and several of recent memory in the Indian Wells Valley.

The NOTS Safety Department has in the last several months received and produced several articles and memos concerning the problem of cycle safety. Even so, it can be shown that the motorcycle is now — after more than 60 years of development — potentially the safest of highway vehicles. Or, at least, until an untrained or careless rider approaches the point of impact.

A study made by the Department of Health, Education and Welfare provides some clues. It cites lack of training by many new riders, lack of preparation to cope with traffic and terrain problems, and unpreparedness — or unwillingness — on the part of pedestrians or other motorists to share the roads and crossings.

What's To Be Done?
The part the cyclist must play to avoid trouble on the road and the jangling of nerves everywhere, the experts agree, is (1) to drive defensively, (2) to use the bike only as it was designed to be used, and (3)

(Continued on Page 5)



NEW HALF STRIPE—Robert Kornegay receives his orders and congratulations on his recent promotion to LCdr. from Capt. Rodney F. Schall, NAF Commanding Officer, and LCdr. Kornegay's wife Dianne. He is one of three men at NAF who was recently promoted to that rank. —Photo by PH3 Jerry Willey



VX-5 PILOT GETS PROMOTION — LCdr. William E. Turlay, Projects Officer at Air Development Squadron-Five, smiles broadly as he receives congratulations from Capt. W. B. Muncie, VX-5 C.O., for his December promotion. Also expressing her delight is LCdr. Turlay's wife, Stephanie, as she displays her husband's new collar insignia. LCdr. Turlay is currently assigned in the Projects Department of the squadron. He is among the first of VX-5's aviators to be qualified to pilot the A-7A Corsair II. LCdr. and Mrs. Turlay reside locally with their 2 children.

Robert Gunning Will Conduct A Course On Clear Writing

Robert Gunning, nationally recognized authority on effective writing and readability, will be on the Station Monday, January 9, to present a one-day course in "Clear Writing" for Station employees.

Mr. Gunning is the inventor of the Fog Index and has been engaged by more than 70 publications to teach editors to write more effectively for mass reader audiences.

He has held writing clinics for the engineering staffs of many major industrial organizations and has spoken before professional societies and other technical groups.

Mr. Gunning has presented the Clear Writing course to employees of NOTS several times in the past and always to capacity audiences. So popular, in fact, is Mr. Gunning's course that larger facilities have had to be found for each successive class.

Mr. Gunning brings his course to the Station under the auspices of the Employee Development Division, Personnel Department.

Vehicle Fees

(Continued from Page 2)
counties in lieu of local property taxes.

"It is this in-lieu portion of the fees that cannot be imposed against military whose true residence is elsewhere than California."

However, the director emphasized that nonresident military persons must establish eligibility or re-affirm it, in order to qualify for this significant exemption.

Whether applying for initial California registration, or renewing a registration here, nonresident military personnel are advised to review their fee exemption rights with DMV registration specialists in the department's field offices as early as possible in January.



THE VALUE ENGINEERING (PAVE) course, completed in mid-December, was hosted by the Employee Development Division and the Value Engineering Group of the Engineering Department. Activities represented were: NOL/Corona, NAV-PLANTREPO, Long Beach, O&R Depot, San Diego, Long Beach Naval Shipyard, Long Beach, Defense Contracts Administration, Burlingame, NOS, Washington, D.C. and NOTS.

In addition to the knowledge gained from the lectures, four local projects were used to provide practice in the use of Value Engineering techniques. For assistance on any problems, or information on additional courses that are to be held on the West Coast in the near future, please contact the China Lake Value Engineering Group, Extension 71720 or 72802.

