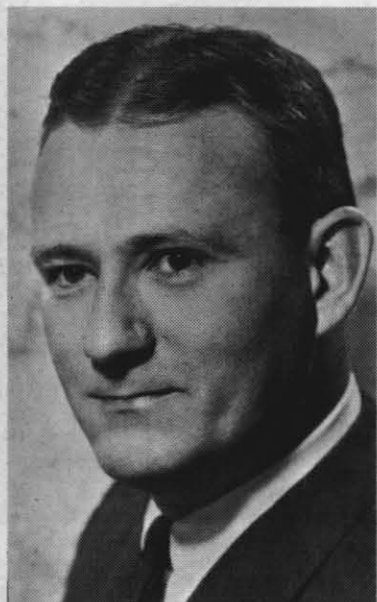


Illustrated Lecture On Vietnam Slated Wed.

A first hand on the scene report on the war in Vietnam will be presented by Kenneth S. Armstrong on Wednesday evening, April 6, in the Burroughs High School multi-use room.

Armstrong won the 1965 Cleveland Press Club award for his outstanding reporting on the war in Vietnam.



KENNETH ARMSTRONG

He will use a documentary color film to illustrate his lecture.

The award winning reporter spent over a year traveling throughout South Vietnam, Laos, Cambodia, and Thailand by airplane, boat, jeep, and afoot.

He has covered every corner of South Vietnam, including forays right up to the front lines. With his helicopter guarded by "gun-planes" he participated in "contour flying."

His experiences have provided background for his lecture on the seemingly endless circle from coup to coup, ambush to ambush, and crisis to crisis.

Armstrong points out that only through deeper knowledge of the Vietnamese people, their history, religion, and customs can one understand the events in this chaotic area.

A native of Cleveland, Armstrong graduated from the University of Michigan in 1948.

He pursued his career as a journalist in depth for 13 years as director of news and

Astro Society Will Show Slides Monday

Slides that portray the beauty that abounds in the evening sky will be shown at the meeting of the China Lake Astronomical Society at 7:30 p.m. Monday, April 4, at 401 McIntire Street.

The program, which includes the planet Jupiter and several "photogenic" star clusters, nebulae, and galaxies, will be narrated by various members of the Society.

Approximately half of the slides are in color and disclose hues that many people do not realize exist in faint celestial objects.

The public is invited to this program of both astronomical and photographic interest.

Gomez Combo Plays Tonight at Acey Ducey

Johnny Gomez and his versatile combo from Bakersfield will play a return engagement at the Acey-Ducey Club this Friday and Saturday from 9 p.m. to 1 a.m.

Their repertoire ranges from the beat tunes, standards, and the Latin rhythms.

Backman Heads Campaign For New Concert Series

Marvin Backman has been appointed sales campaign manager for the China Lake Civic Concert Association's campaign for the 1966-67 series. Assisting him are K. W. Heyhoe, new-member sales chairman; Mrs. R. D. Hise, mailing and special projects; H. L. Bagge, Jr., ticket chairman and Mrs. R. M. McClung, publicity.

The present emphasis is for renewal from present subscribers to the past year's season of five concerts. This campaign will continue until April 20 when a drive for new subscribers will be initiated.

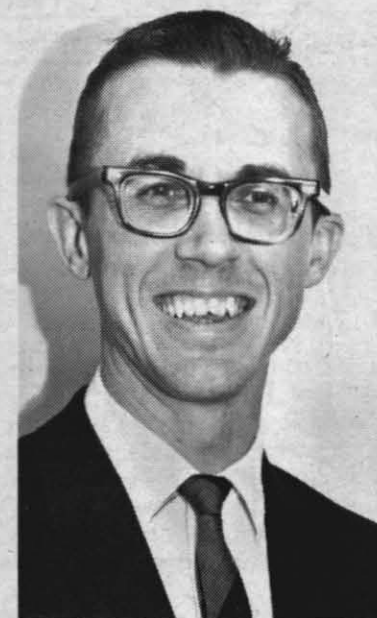
Present subscribers to the series have been mailed their renewal forms. Subscribers who wish to change their seats in the Station Theater have a place on the renewal form to indicate their intentions.

The exchange of seats for renewal patrons will take place on May 3 in the East Wing of the Station Chapel at 8 p.m. Persons who are interested

in obtaining seats for the new series who are not subscribers at the present time may place their name on a waiting list by calling K. W. Heyhoe at 723313 evenings or Mrs. Marvin Backman at Ext. 723303 between 10-12 a.m. and 2-4 in the afternoons.

Another way that can be used is to send a postcard to the China Lake Civic Concert Association, P.O. Box 5377, China Lake.

Persons placing their names on the waiting list early will have a better chance of obtaining season tickets since the exact number of seats for new subscribers cannot be definitely known until present subscribers have indicated their intentions.



JERRY L. REED

Code 30 Employee Nominated For Army R&D Award

By ELEANOR MANOS

Jerry L. Reed of Code 3008, the Infrared Countermeasures Group, Systems Development Department, has been nominated by the U.S. Army Aviation Materiel Laboratories (USAAV-Labs), Fort Eustis, Virginia, for an Army Research and Development Award.

The nomination is based on Reed's performance, while employed at USAAV-Labs, as a member of a three-man team assigned to determine means of protecting U.S. Army aircraft in Vietnam from small-arms weapons fire.

He is cited for his "immeasurable contributions in the field of advanced light weight armor systems for aircraft." During the period from August 1962 to August 1965, Reed designed aircraft armor systems for the UH-1, CH-21, CH-34 helicopters and the OV-1, CV-2, O-1E, C-123 and other fixed wing aircraft operating in Vietnam.

These activities were responsible for saving the lives of many Army aviators and crew members.

Special emphasis has been placed on Reed's outstanding technical abilities which he applied to the solution of the materials and design techniques for all armor systems.

One of Top Army Awards

The nomination is for one of the highest awards made by the Department of the Army to civilian employees.

Reed is a new employee at NOTS. He was previously associated with the U.S. Army Aviation Materiel Laboratories, and has also worked for several Aerospace corporations.

He is a graduate of Texas A. & M. College where he received a B.S. degree in Aerospace Engineering in 1960. Reed is the author of numerous reports, articles and papers in the fields of aircraft survivability, ballistics and aviation safety.

He resides at 106-B Forrestal with his wife, Linda, and their two children. The family formerly resided at Williamsburg, Va., prior to moving to China Lake.

Want a ready-made way to save conveniently, comfortably, convincingly? Buy U.S. Savings Bonds through the Payroll Savings Plan where you work.

Adm. McDonald, CNO, Briefed On NOTS Work in Initial Visit



Vol. XXI, No. 13 Naval Ordnance Test Station, China Lake, California Fri., April 1, 1966



CNO GREETED—Adm. David L. McDonald, Chief of Naval Operations, and Mrs. McDonald, are greeted on arrival at NAF by Com-NOTS Capt. and Mrs. John I. Hardy, Dr. Wm. B. McLean, Tech. Dir., and Capt. R. R. Yount, NAF Commanding Officer.

Station Scientists, Engineers Outline Weapon Projects

Admiral David L. McDonald, Chief of Naval Operations, paid his first visit to the Naval Ordnance Test Station this week.

Arriving at the Naval Air Facility at 10 a.m. Monday, he was greeted by Capt. John I. Hardy, Station Commander, Dr. Wm. B. McLean, Station Technical Director, and other high ranking military and civilian officials.

The Admiral was accompanied by Mrs. McDonald and his personal aide, Cdr. Thomas Bigley.

After his arrival, the four-star Admiral was whisked to Michelson Lab for briefings while Mrs. McDonald was taken on tour of the Navy Relief Society Branch's new building and the Maturango Museum by Mrs. John I. Hardy.

At Michelson, the Admiral viewed the presentation "Highlights of NOTS Technical Programs" following introductory remarks by Capt. Hardy.

The Admiral was then briefed on the Free-Fall Weapons Program by Dr. Marguerite M. Rogers, Head, Air-to-Surface Weapons Division, Weapons Development Department.

Following luncheon at the Officers Club, the Admiral returned to Michelson Lab for further briefings on NOTS projects.

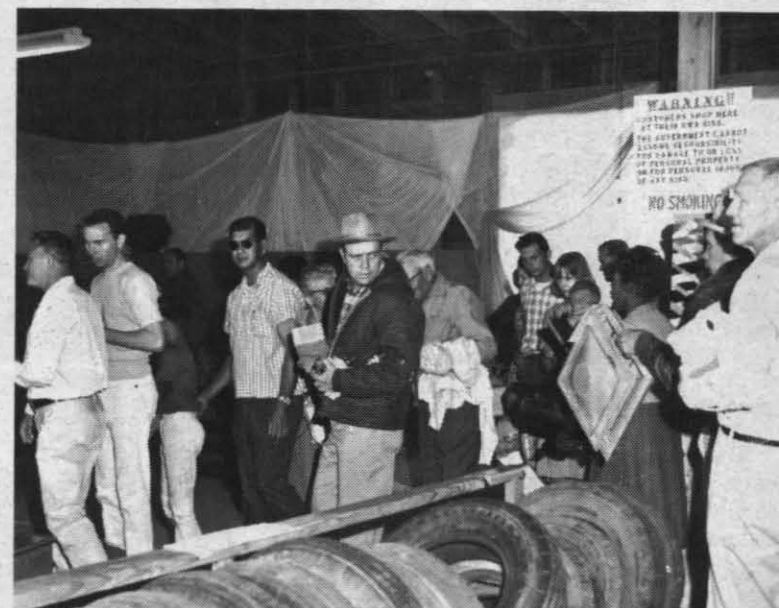
The Shrike Missile Program was described for the Admiral by David N. Livingston, Head, Missile Development Branch B, Aviation Ordnance Department.

Progress of the Walleye Missile Program was related by David N. Livingston, Head, Missile Development Branch B, Aviation Ordnance Department.

The Condor Program was outlined by Jack A. Crawford, Condor Program Manager, Aviation Ordnance Department.

On completion of the brief (Continued on Page 3)

Bargain Hunters Flood NOTS Surplus Sale



BARGAIN HUNTERS line up at last Saturday's Retail Surplus Sale. Customers surpassed those of last October's sale.

During the first ten minutes of NOTS retail surplus property sale last Saturday 300 people walked through the door of Warehouse 14 bargain shopping.

to make a useful work center for the youth.

Other bargain hunters who lined up in the early hours were cheered and comforted by the hot coffee and doughnut concession set up by Little League volunteers from China Lake. A substantial amount of the refreshments were donated so Little League's treasury was appreciated by about \$70.

Buyers at the sale came from San Bernardino, Lancaster, Palmdale and other communities of the Mojave Desert.

The uncrated mystery package pictured in last week's Rocketeer was never identified, but one buyer wanted the fluorescent lamp and another the "what's-it" type box that he plans to use for a pump housing on his Colorado ranch.

Form with fields for 'From', 'TO', and 'PLACE STAMP HERE'

SHOWBOAT

FRIDAY "SPY IN YOUR EYE" (83 Min.) Brett Halsey, Peir Angelli, Dana Andrews 7 p.m. (Spy-Drama in Color) Scientist conceals a secret formula on his daughter but the Russians find out about it and kidnap her. And the chase is on! See how the enemy agents use a TV transmitter in a glass eye! A WAY-OUT action-packed espionage tale. (Adults, youth and mature children.) Short: "Chaser on the Rocks" (7 Min.) "Carnival in Quebec" (17 Min.) SATURDAY —MATINEE— APRIL 2 "HAND IN HAND" (75 Min.) John Gregson 1 p.m. Short: "Little Match Girl" (7 Min.) "Trader Tom of the China Seas" Chapter No. 3 —EVENING— "THE BRIGAND OF KANDAHAR" (81 Min.) Ronald Lewis, Yvonne Romain 7 p.m. (Adventure in Color) Half-caste officer is unjustly court-martialed by resentful brother officers and he joins rebel tribesmen in the India Hills as they plan a systematic war against the forces. Tribal warfare in the India of yesteryear. (Adults and mature youth.) Short: "Life with Loopy" (7 Min.) "Wonderful New York" (18 Min.) SUNDAY-MONDAY APRIL 3-4 "THE WAR LORD" (121 Min.) Charlton Heston, Richard Boone, Rosemary Forsyth 7 p.m. (Adventure in Color) The champion of the Duke of Normandy becomes governor of a small village which he defends from Northern invaders, engages a local bridegroom, and braves flaming arrows, spears, knives and broadswords in this action special. (Adults.) TUESDAY-WEDNESDAY APRIL 5-6 "BOEING, BOEING" (102 Min.) Tony Curtis, Jerry Lewis, Danny Saval, Thelma Ritter 7 p.m. (Comedy in Color) Cunning American reporter has a Utopia in Paris where he shares his plush apartment with three air-line stewardesses, but separately each thinks she's his fiancée due to varied flight schedules. And then come the jets and Tony's paradise is about to burst! The funniest timetable hideaway you'll ever see! (Adult, very mature youth.) Short: "Holiday In Puerto Rico" (9 Min.) THURSDAY-FRIDAY APRIL 7-8 "THAT DARN CAT" (116 Min.) Hayley Mills, Dean Jones 8 and 8:15 p.m. (Comedy in Color) Disney does it again with this gem about a Siamese cat, some humorous bank robbers and a handsome FBI agent. Inclusion of some suspense and action make this a "must see" for adults as well as the kids. It's the cat's meow! (Adults, youth and children.)

STATION LIBRARY LISTS NEW BOOKS

- Fiction Christopher—The Ragged Edge. Gruber—Little Hercules. Kenyon—May You Die in Ireland. Lindall—Northward the Coast. Non-Fiction Arctander—The Book of Motorcycles, Trail Bikes and Scooters. Better Homes and Gardens—Family Camping. Johnson—The Andean Republics: Bolivia, Chile, Ecuador, Peru. Johnson—The Complete Puppy and Dog Book. Penkovskiy—The Penkovskiy Papers. Squires—A Handbook of Dried Arrangements and Decorations. Mead—Family Meckin—Mission in Torment.

CROSSWORD PUZZLE. Includes grid and clues for Across and Down.

PERSONNEL MANAGEMENT The United States Armed Forces Institute is now offering Personnel Management (F 544), a college level, 15 lesson course.

Tripartite Tests With Warheads Successful

Technical planning begun over a year ago between scientists at NOTS and in Great Britain, has resulted in a highly successful series of tests just ended on the rails of the SNORT facility here, and another satisfying achievement for the Tripartite Technical Cooperation Program.



REVIEWING GOOD NEWS—Assembled at SNORT to measure success of a series of warhead tests are Tripartite members (standing, l-r) Jim Pryor and Larry Cosner, NOTS, U. S.; (seated, l-r) Derek Leeming, W. E. Breacker, T. P. Forrest, United Kingdom.

Lawrence N. Cosner, of Research Department's Detonation Physics Group, has been the U.S. project supervisor for the series of tests on American and British warheads as Chairman of the Vaporifics Working Group of the Program's Panel 0-1 (Terminal Ballistics). He describes the tests as joint trials to study warhead effects under dynamic conditions.

"We feel that the tests have succeeded even better than we had hoped for," he reports. "Out of 16 tests in the series, only two failed to perform due to set-up problems. Both of our NOTS and our English colleagues (Continued on Page 7)

Demolition Men Split Boulder, Free Sierra Road

Shaped Charges Reduce Monster To Pile of Rubble

A giant 75-ton granite boulder completely blocking the new La Mont Meadows highway under construction northeast of Lake Isabella, Kern County, was "attacked" by a NOTS demolition team and "eliminated" Monday at the request of the Department of the Interior.

The special task force that pulverized the "enemy" was headed by Navy Lt. A. W. Dahlgren, Explosive Ordnance Disposal Officer, and included Jerry B. Stevens, TM1; Charles Wilson, MNC; and Claude H. Glover, all of EOD.

The huge boulder, according to Robert J. Springer, District Manager, Bureau of Land Management, Bakersfield District, recently slid onto the new highway about three miles from the intersection of State Highway 178 near the Sundown Valley Ranch. Springer appealed to the Station Command for assistance after bulldozers were unable to move the monolith.

Frank Bruins, Resource Manager at the Bureau's Bakersfield Office, said it is not uncommon during mountain highway construction for rocks to roll into the path of workmen. It is rare, however, for boulders the size of a small house to slide down and bring the operation to a halt.

Lt. Dahlgren and his demolition team from China Lake

moved into the blocked road area at 9:30 a.m. Monday. There, they met Bruins and William R. Carrasco, Range Technician for the Bureau, and decided the course of action. By 10:50 a.m. the team had reduced the monster boulder to rubble.

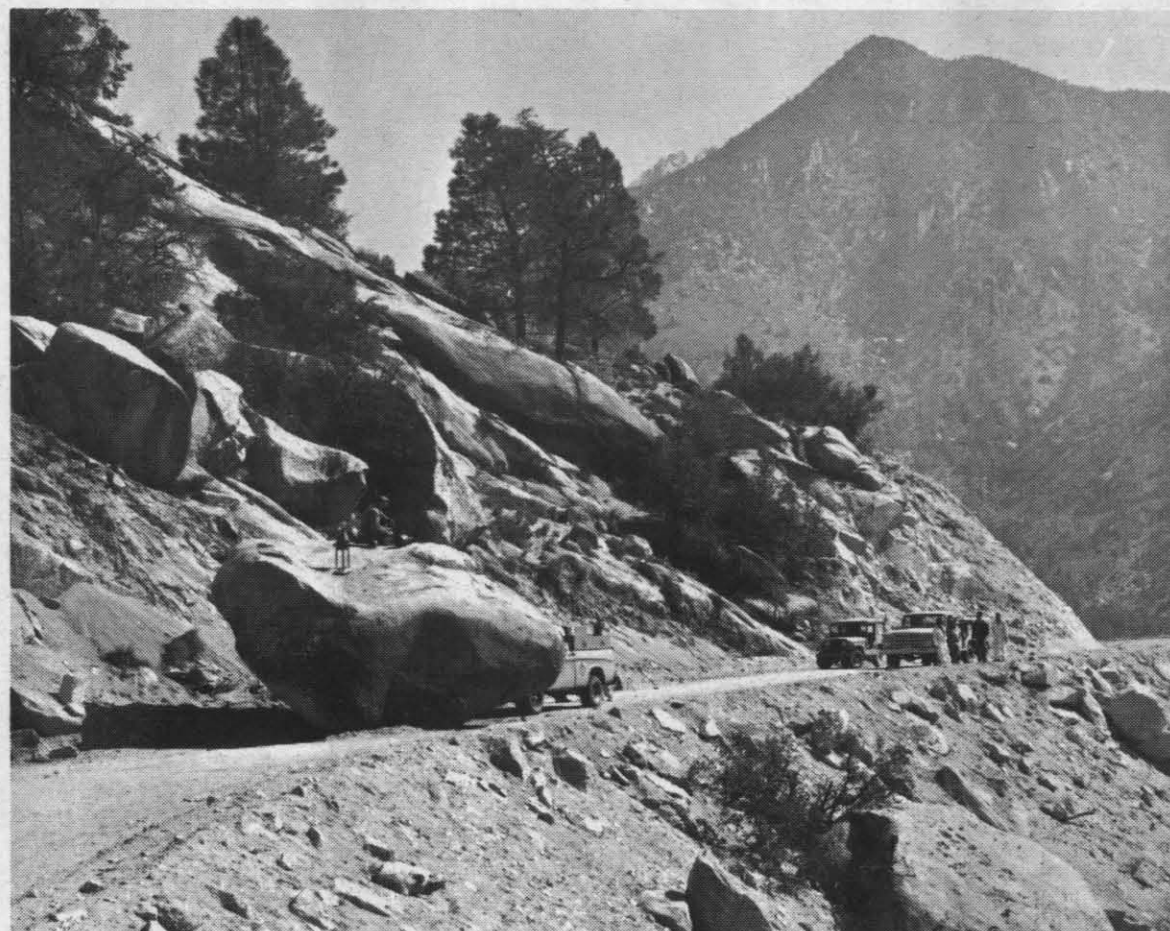
This type of an operation is handled in three stages. The first stage consists of placing two 40-lb. high explosive shaped charges (military ordnance used frequently in demolition work) on the top surface of the boulder. The ensuing blast splits the rock fore and aft, much like slicing a baked potato.

After the initial sectionalizing, 15-lb. shaped charges and composition "B" explosive blocks are used to reduce the mass further with two secondary high explosive shots.

The first earth-shaking shot was triggered by the electrical firing technique from a Navy ordnance truck located around a bend in the highway a quarter of a mile from the massive boulder. Subsequent shots were set off by three-minute time fuzes.

Inspecting the break-up of the boulder after the first blast, Carrasco said the huge rock of blue-gray granite-like substance was a "youngster" as far as age goes.

The new road, which will connect with the high country near Kennedy Meadows, was started last July and has about five miles yet to go before completion.



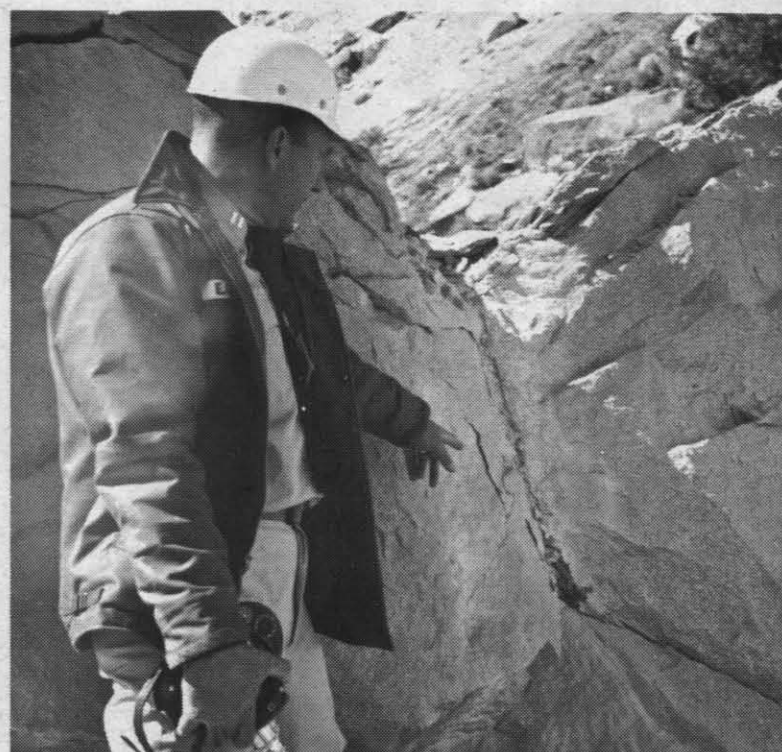
GIANT 70-TON BOULDER rests on newly constructed highway northeast of Lake Isabella and three miles from State Highway 178. Bureau of Land Management officials

requested aid from NOTS Command after bulldozers failed to remove the monolithic obstruction. NOTS Explosive Ordnance Officer and team are shown preparing charges.

ALL U.S. NAVY PHOTOGRAPHS BY JERRY WILLEY, PHAN



CHIEF WILSON of Explosive Ordnance Dept., places 15-lb. shaped charge on spot where it will do the most damage in second phase of blasting operation.



SCAR IN ROCK, caused by force of shaped charge blast, is pointed out by Lt. Dahlgren, NOTS Explosive Ordnance Disposal Officer in charge of demolition crew.



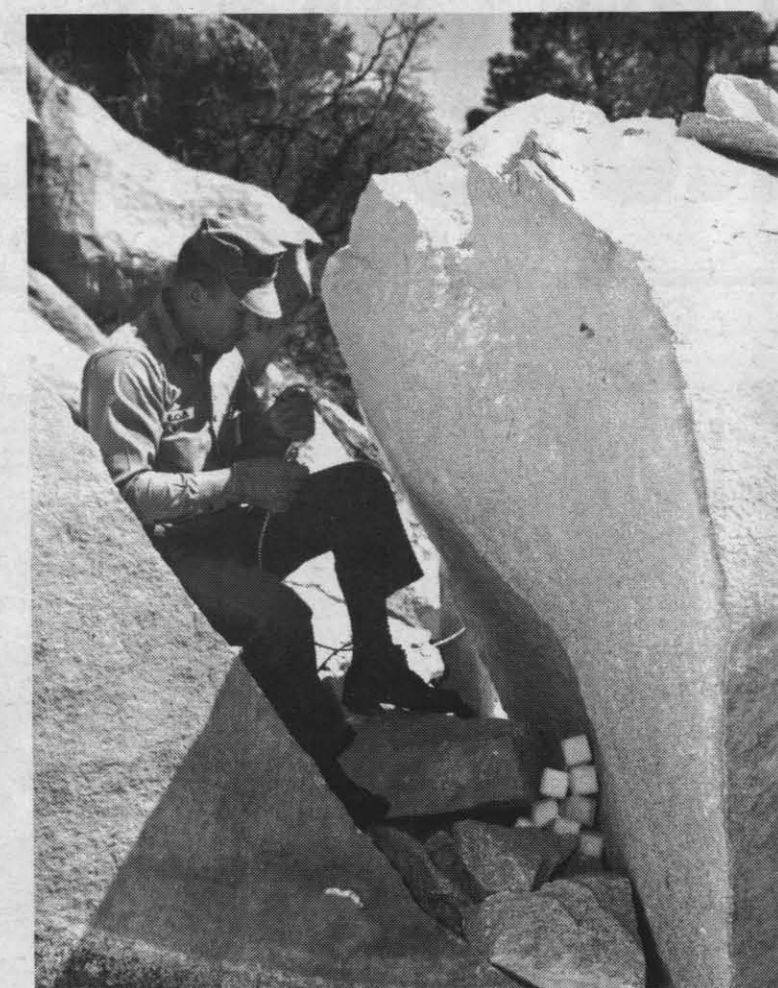
EARTH SHAKING BLAST of high-explosive shaped charges was recorded by photographer Willey from a quarter-mile distance. Explosion was the first of a series of three

to break up the huge boulder. NOTS demolition team triggered the blast from ordnance truck located at a safe distance around a bend in the highway.

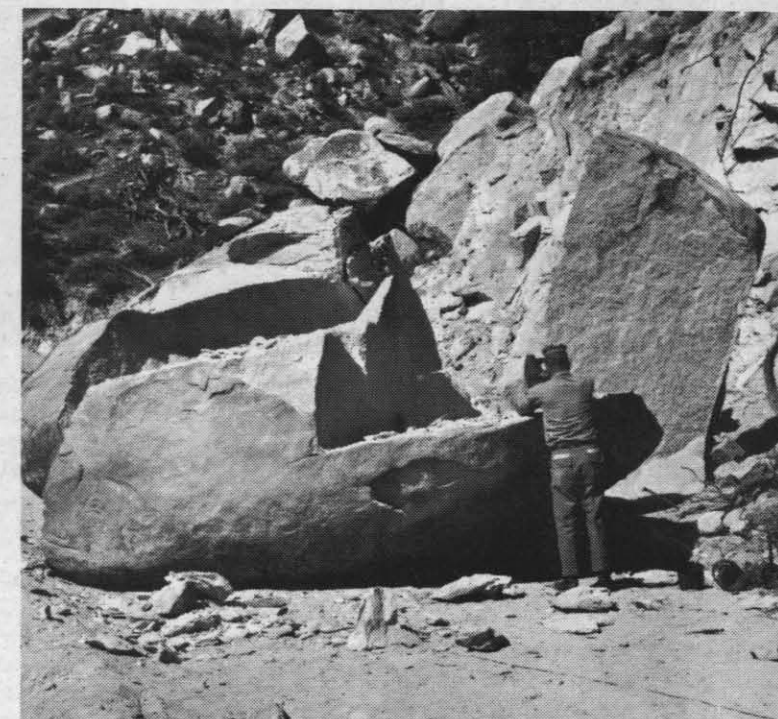


EFFECTS OF FIRST BLAST by two 40-lb. shaped charges is inspected by Lt. Dahlgren (center) after high-explosives split boulder

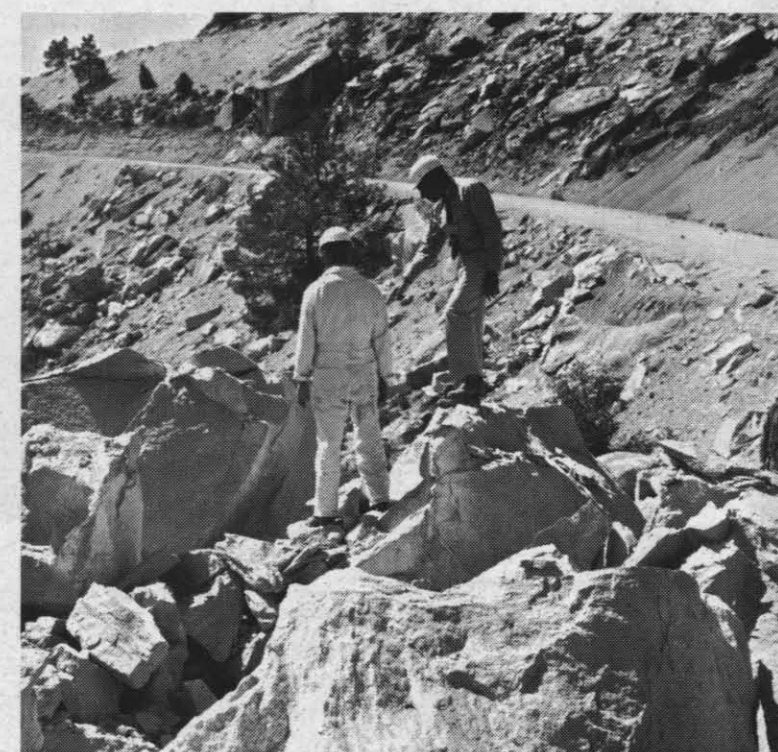
into four parts. Bureau of Land Management Range Technician said the blue-gray granite-like rock was a "youngster."



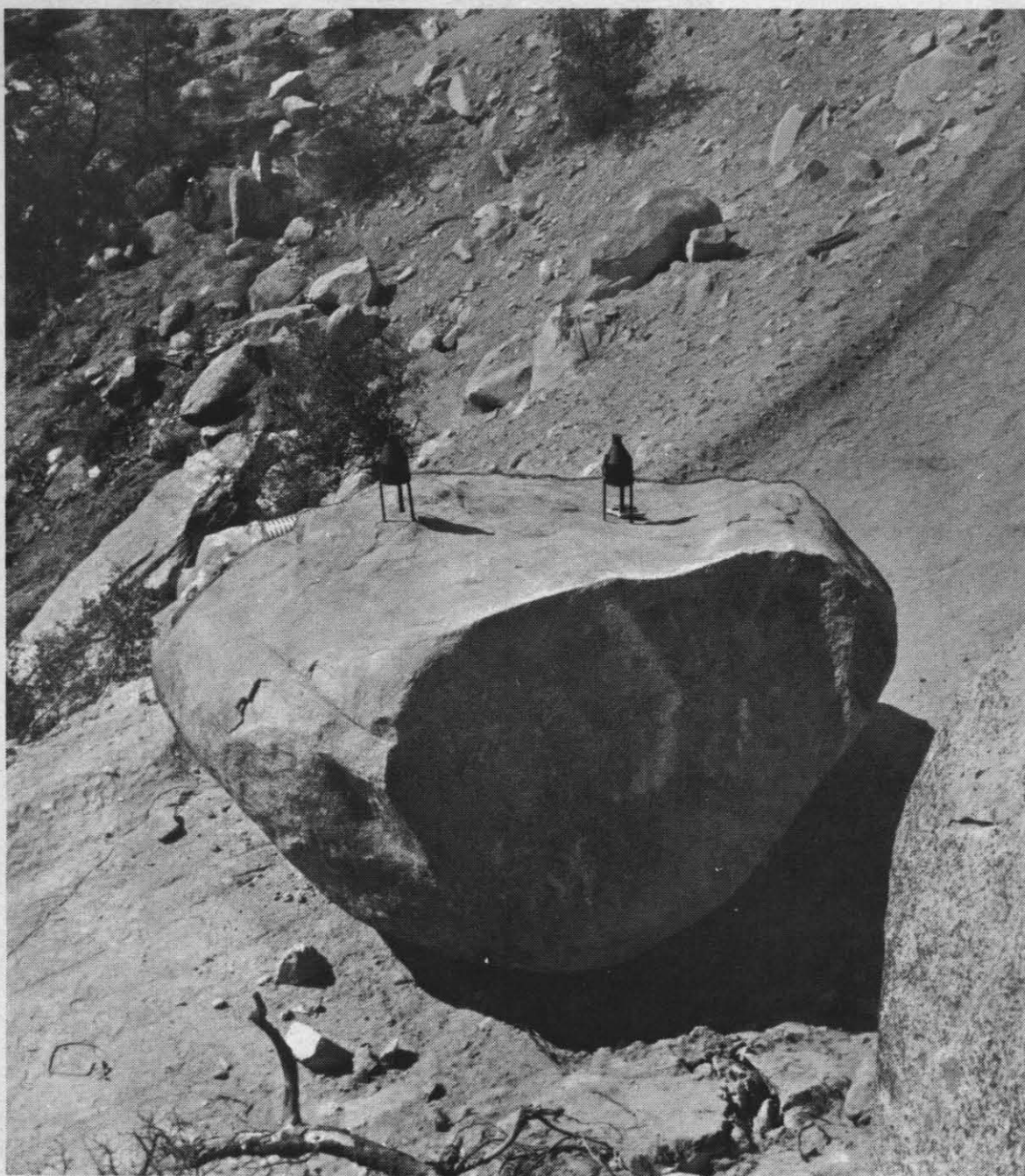
JERRY STEVENS, TM1, member of NOTS demolition team, prepares fuze that will ignite high explosive "B" blocks shown at base of crevice caused by first explosion.



HIGH EXPLOSIVE shaped charge is placed on a flat area of split boulder by Jerry Stevens, TM1, in preparation for the second shot of series to remove boulder from road.



RESULT OF MISSION is surveyed by Lt. Dahlgren (r) and Chief Wilson after huge boulder was reduced to rubble by a series of high-explosive blasts.



SHAPED CHARGES used for military demolition work are shown in place on top surface of boulder for the initial slicing blast.

Photo shows how the large boulder completely blocked road and brought construction work to a temporary halt.

Awards Ceremonies Held At Long Beach Sea Range

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638



CDR. E. S. WALLACE congratulates (l-r) D. D. Holstein, Chief Boatswain's Mate; L. L. Perkins, Yeoman Third Class; and L. M. Brown, Shipfitter Third Class, on their heroic advancements; and K. C. Swales for heroic actions during a San Clemente Island storm. His alertness resulted in saving an LCM-3 from destruction.

One Commended, Three Promoted

The NOTS Long Beach Sea Range held a personnel inspection and awards ceremony recently in honor of four outstanding Navy men.

Kenneth C. Swales, Boatswain's Mate First Class (Diver) was awarded a Letter of Commendation from Captain J. I. Hardy, ComNOTS, for his alertness in saving the LCM-3 from breaking up in a storm at San Clemente Island.

Laird M. Brown was advanced in rating from Fireman to

Shipfitter (metal) Third Class. **Leroy L. Perkins** received a promotion from Seaman to Yeoman Third Class.

A particularly significant advancement was awarded to **Denny D. Holstein** from Boatswain's Mate First Class to Chief Boatswain's Mate. His first chief's hat was presented to him during the initiation services at the CPO Club, Naval Station, Long Beach. The hat was a gift of his crew on the NOTS tug YTM-759.

Commander E. S. Wallace, Assistant Technical Officer, presented the awards after conducting the personnel inspection.



SUPPLY DEPARTMENT employees were highlighted recently for length of service and top performance. Captain G. H. Lowe presents lapel pins denoting 20 years of federal service to (l-r) Betty Jane Silver and Helen L. Chambers, while William J. Smith (r) receives a Quality Salary Increase. Jeanne S. Hardin, also a 20-year pin recipient, was not present for photo.

Three-Way Battle Going 27th Week

BY RAY HANSON

The Black Cats (66.5 wins, 37.5 losses), the AstroNOTS (65.5-38.5), and the Sphinx (64-40) were still locked in a three-way battle for the NOTS Wednesday night bowling championship going into the 27th week of play.

The race is so close that the winner will undoubtedly be decided by the outcome of final position night play scheduled for 23 March. Nobody looks like a sure winner, but the Black Cats have been coming on strong lately and could catch the brass ring if their momentum holds.

High scores for the 26th week are as follows: team series, Pin Folk, 2928; team game, Sphinx, 1036; men's series, Jack Springer, 635; men's game, Ray Hanson, 257; women's series, Ruth Neff, 669; and women's game, Mary Bologna, 235.

Incidentally, league president Bill White advises that six more bowlers are needed for the summer league now forming. At present, the league has almost enough bowlers for eleven teams and is shooting for twelve. So if you have a hankering to clobber a few pins in air-conditioned comfort during the summer months, call up Ext. 474 and sign up.

PROMOTIONAL OPPORTUNITIES

To apply for vacancies, contact Nancy Reardon, Pasadena Personnel Division, Extension 492. A current SF-58 must be submitted when applying.

Supervisory Contract Specialist, GS-11, PD: SP25009, Code P2562 — Position is Head of the Contract Administration Branch. Branch functions include such post-award contractual actions as contract modification, issuance of change orders, negotiation of equitable price and delivery adjustments, contractor performance determinations, contract terminations, performance of follow-up, pre-audit and post-audit of NPOLA and NOTS contracts, and certification of invoices for payment. Knowledge of procurement regulations, laws and procedures required in addition to supervisory ability.

Contract Negotiator GS-11, PD: SP25003-3, Code P2563 — Duties include the complete cycle of functions involved in the negotiation of contracts (Fixed Price, Time and Material and Labor Hour) for highly specialized technical requirements in support of the research and development effort at NOTS.

Plumber, JD P-148, Code P7122 — Lay out, cut, bend, assemble, and install pipe, fittings, and fixtures for piping systems. Locates leaks and obstructions and repairs or clears them. Tests piping systems.

Mechanical Engineer, GS-12, PD: 6P710-06, Code P711 — Responsible for preliminary investigation and design; coordinating fabrication and construction; and participating in the operation of research, development and test facilities for the Deep Submergence Systems Program. Mechanical Engineering degree required.

FIRST MASS FLIGHT

The first "enmasse" cross-country aircraft movement took place in 1915 when six Curtiss JN-3s made a 439-mile, six day transit from Ft. Sill, Okla., to Ft. Sam Houston, Texas.



NOTS RECENTLY PARTICIPATED in the first annual Offshore Exploration Conference at Long Beach. The conference was attended by leading men from the oil and aerospace industries interested in advanced undersea technology. The NOTS exhibit displayed

CURV and YFU-53 deep recovery methods and Sealab II operations. Personnel shown in the NOTS booth are (l-r) Ed Carpenter and Howard Wheeler. Other NOTS personnel who participated were Frank Brady, Bob Pace and Frank Strahalm of P808 Division.

AFGE Membership Drive Slated Here Starting Mon.

Nevin V. Hepner, national AFGE representative, will conduct a 10-day membership drive for local Lodge 1781 of the American Federation of Government Employees here beginning Monday, April 4.

The purpose of AFGE, which has represented government employees for over 30 years, is to advance the welfare and wages of the civil service employee, Hepner states.

"The U.S. Government guarantees employees the right to join or refrain from joining organized employee groups or unions without fear of reprisal, coercion, restraint, or discrimination," he added.

"Groups of government employees have been organized almost since the birth of the Civil Service system in 1883. The right of Federal employees to organize was written into Federal Law in 1912 by the Lloyd-LaFollette Act. This right was reiterated and enlarged in Executive Order 10988 issued by President Kennedy," Hepner elaborated.

The national representative will be at the following locations next week. Further information may be had by call-



NEVIN V. HEPNER

ing Ext. 76742.

Monday, April 4
Mich Lab Cafe, 11 a.m.-1 p.m.
Bennington Plaza, 4:30-5:30 p.m.

Tuesday, April 5
Mich Lab Cafe, 11 a.m.-1 p.m.
Bennington Plaza, 4:30-5:30 p.m.

Wednesday, April 6
CLPP Cafe, 11 a.m.-1 p.m.
Bennington Plaza, 4:30-5:30 p.m.

Thursday, April 7
Mich Lab Cafe, 11 a.m.-1 p.m.
Bennington Plaza, 4:30-5:30 p.m.

Friday, April 8
Mich Lab Cafe, 11 a.m.-1 p.m.
Bennington Plaza, 4:30-5:30 p.m.

Memorial Services Tomorrow For Sgt. R. W. Wilson

Memorial Service will be held tomorrow at 2 p.m. in the All Faith Chapel for Sgt. Raymond W. Wilson, USMC, who was killed in an engagement with the enemy in South Vietnam on March 22.

Our community is thus brought closer to the reality of war and we extend our condolences to his parents, Mr. and Mrs. Vernon Wilson, who re-

sided at 1208 First Place, expressed Senior Chaplain R. W. Odell.

In addition to his parents, Sgt. Wilson is survived by his wife, Shirley, and a two-year-old son, of Toledo; a sister, Marguerite of Bakersfield, and a brother, Sgt. Don S. Wilson, USMC, of Toledo.

Interment will be in Toledo. Sgt. Wilson will accompany his brother's body.



WOMAN TALK — Mrs. Hardy and Mrs. McDonald are flanked by Mrs. Leon Grabowsky and Mrs. Wm. B. McLean as they examine specimens of desert wildflowers.

Engineers Outline Weapon Projects

(Continued from Page 1)

ings, the Admiral viewed the film, "The Michelson Laboratories."

Admiral McDonald then went to the Community Center where he spoke briefly to all the Station's officers.

The Admiral was then driven to the Naval Air Facility where he boarded his plane and departed the Station at 4 p.m. for Monterey.

Named CNO in 1963

A native of Maysville, Ga., Admiral McDonald was appointed Chief of Naval Operations in June 1963, and assumed his post on Aug. 1, 1963, shortly after his 57th birthday. He succeeded Admiral George W. Anderson.

He became a rear admiral just after his 49th birthday, and was promoted to vice-admiral five and one-half years later. He donned his four stars on April 1, 1962 when he became Commander-in-chief, United States Naval Forces Europe.

A graduate of the Naval Academy, Class of '28, he was designated Naval Aviator in 1931.

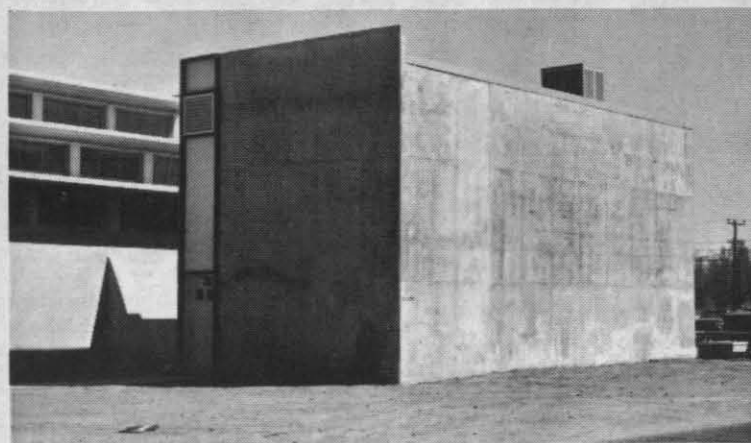
At the outbreak of World War II, he was serving as Flag Secretary to Commander Aircraft, Atlantic Fleet. From May 1942 to March 1944 he served as Flight Training Officer on the staff of Commander Naval Air Operational Training Command, Jacksonville, Fla.

He saw action in the Pacific during the last year of the war while executive officer of the carrier USS Essex.

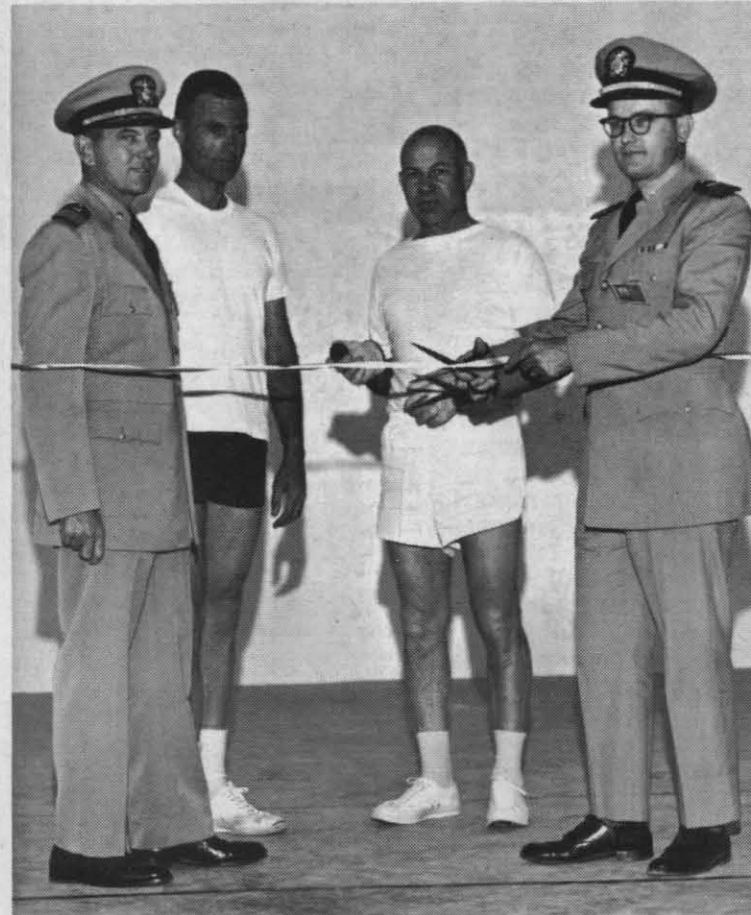
For 12 of the first 15 post-war years he was a staff officer with one-year breaks to command the escort carrier USS Mindoro and the attack carrier USS Coral Sea.

Frank Homer in an article for "Navy, the Magazine of Sea Power," describes Admiral McDonald as not the flamboyant type, and attributes much of his success to his ability to separate good advice from bad.

Handballers Rejoice!



HOT PLAY IN COOL COMFORT — Handball, one of the fastest games around, now has an all-enclosed, air-conditioned court, recently dedicated at the Station Gym. All China Lakers are invited to try their skill by reserving game time at Ext. 71334.



READY TO PLAY! Handball enthusiasts (l-r) Dick Boyd and Capt. Leon Grabowsky, Exec. Officer, are ready to play first volley in new court as Lt. (j.g.) Russell Myers, Asst. Public Works Officer, cuts ribbon with aid of Lt. (j.g.) David DePiero, Special Services Officer. Court is open 9 a.m. to 9 p.m. Mondays through Fridays; 9 a.m. to 5 p.m. weekends. Court is on west side of gym.



CNO DEPARTS—Adm. David L. McDonald, Chief of Naval Operations, and Mrs. McDonald are accompanied by Capt. John I. Hardy, Station Commander, as Cdr. Thomas Bigley, the admiral's aide, leads way to plane following visit to Station.

EDITORIAL

Military Construction Teams —Bullets, Bulldozers, Can-Do

THE struggle in the Republic of Vietnam has posed many problems for the armed services. Not the least of these has been the provision of physical facilities for the tremendous number of men and machines poured into that country.

This problem is being met, with dollars, yes, but more important, with the energy, skill and ingenuity of groups of military and civilian specialists.



At places with names like Cam Rahn Bay, Bien Hoa and Marble Mountain there was nothing but untamed areas not long ago. Military construction units turned them into massive bases, converted jungle scrub and sand dunes into operating airfields, mess halls and workshops, in a matter of weeks.

The Republic of Vietnam lacked port facilities to handle the heavy flow of cargo needed to support Free World effort. Empty bays were turned into booming ports complete with pier facilities, roads, pipe-lines and storage areas.

Operating with a tradition of bullets, bulldozers and a "Can-Do" spirit, military construction teams—the Army's Corps of Engineers, Navy Seabees, and Air Force engineers in "Prime Beef" teams—along with civilian contractors—have surpassed their own prior records in building the foundations to support the modern fighting force. (AFPS)

He's A Girl Scout



TOKEN OF ESTEEM — Kitsy Kelly and Pamela Marker, leader of Girl Scout Troop 3, present Chaplain R. W. Odell with Girl Scout paperweight for his next tour of sea duty. The Chaplain is an honorary member of the Girl Scouts.

The Rocketeer

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

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DEADLINES: News Stories Tuesday, 4:30 p.m. Photographs Tuesday, 11:30 a.m.

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DIVINE SERVICES

Christian Science (Chapel Annex)—Morning Service—11 a.m. Sunday School—9:30 a.m.

Protestant—(All Faith Chapel)—Morning Worship—8:30 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. Sunday, 6 a.m., Monday through Friday; 8:30 a.m., Saturday.

Confessions—8 to 8:25 a.m., 6 to 8:30 p.m., Saturday; Thursdays before First Friday, 4 to 5:30 p.m.

NOTS Jewish Services (East Wing All Faith Chapel)—8 p.m. every first and third Friday.

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

Unitarian Fellowship (Chapel Annex No. 95, 85 King Ave.).

Fellowship Meeting—Sundays, 7:30 p.m. Sunday School—10:45-11:45 a.m. (Chapel Annexes Nos. 1 and 2).

PROMOTIONAL OPPORTUNITIES

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 these vacancies.

Supervisory Clerk, GS-5, Code 2504 — Position is that of supervisor of the Accounting and Records Branch of the Sub-stance and Retail Clothing Sales Division. Includes responsibility for the propriety of daily records for issues to the general mess and for ration control ledgers, maintenance of ledgers and verification of daily reports of the number of various meals sold with the cash receipts; and responsibility for the propriety of receipts, receiving reports, stock ledgers, and orders for fresh and nonperishable items. Supervises three military storekeepers, assigns work and reviews their finished projects for adequacy and accuracy. Knowledge and/or experience in clerical supply work, a n d bookkeeping or accounting methods a n d techniques is desirable.

File applications for above with Naomi Campbell, Bldg. 34, Rm. 28, Phone 72218.

Clerk Typist, GS-4, Code 5564 — Types official correspondence and other documents. Compiles information for correspondence and reports. Receives incoming mail, routes within Branch.

File applications for above with Loretta Dudley, Bldg. 34, Rm. 34, Phone 71471.

Accounting Technician GS-525-4 & 5 (2 Van) Code 1762 — Performs local fund accounting, analyzes obligation & expenditures and performs payroll and leave functions. General experience in accounts, payroll, or accounting record work in connection with commercial fiscal, payroll, etc. Specialized experience in double entry bookkeeping or accounting in established and maintaining special accounts, or experience in the operations prior to preparation of financial statements and report, cost data analysis and computation, etc. GS-4 requires 2 years general, GS-5 requires two Contact Sherry Scheer, Bldg. 34, Rm. 26, Phone 71577. Deadline for Filing: April 8, 1966.

Information on Overseas Vacancies is available at the reception counter of the Personnel Department, Bldg. 34.

Chapel Choir Will Present Cantata Sun.

The choir of the All Faith Chapel will present the Easter cantata "Death and Life" by Harry Rowe Shelley this Sunday. This musical presentation will be a part of the regular 11 a.m. worship service.

Soloists are Keith Armstrong, Marvin Backman, Betty Heflin, Sam Haun, and Sally Zabelka. The choir is under the direction of Mrs. Robert Leonard, and Mrs. John Seybold is the organist.

Spring Festival Kick-off Slated For Next Wed.

The Ridgcrest - China Lake Columbus Club of the Knights of Columbus, sponsors of the annual "Spring Festival," announces that the dates for this year's event are May 26 through 30.

There will be a kick-off meeting with a manager of SJM Enterprises Inc. Festival Shows, and representatives from local clubs at the Knights of Columbus Hall, 700 West Ridgcrest Blvd., on Wednesday April 6, at 7:30 p.m.

Any club of the Indian Wells Valley wishing to participate in the 1966 Festival, by operating a food or game booth on the midway, is invited to have a representative present at this meeting.

New ride equipment, this year's feature attraction, and a d a n c e half price ticket sales, along with applications for booths and spaces on the midway, will be the main topics for discussion.

Behind every successful man is a surprised mother-in-law.

JEWISH MESSAGE

Passover: Freedom Festival



By Student Rabbi Stephen J. Einstein

The Jewish religion has many holidays, but perhaps none as interesting as the spring festival of Passover. This holiday, known in Hebrew as Pesach, lasts for eight days among Orthodox and Conservative Jews and seven days among the Reform. Beginning at sunset on the fifteenth day of the lunar month of Nisan, it is celebrated this year between Monday evening, April 4, and Tuesday night, April 12. It is the first of the Three Pilgrimage Festivals which are Biblically ordained in the Book of Deuteronomy.

Historically, Passover commemorates the most important event in Jewish history, the freeing of the Israelites from Egyptian slavery more than 3200 years ago. Being the birthday of the ancient Jewish nation, it is known as the Festival of Freedom. Following the Exodus, the Israelites received the Ten Commandments at Mount Sinai and entered the Promised Land, thereby establishing themselves in a homeland. Thus, many of the Jewish prayers — daily, Sabbath, and holiday — remind the Jew of his historical deliverance and exhort him to dedicate himself to the principle of freedom.

The holiday is known by various names. It is called Passover because it is related that God "passed over" the houses of the Israelites in Egypt when He smote the first-born male Egyptians, but spared the Israelites' children. It is also called the Feast of Unleavened Bread because during the celebration the Jew does not eat or possess leavened bread, but only the unleavened type, called Matzah. This unleavened bread reminds him of the "Bread of Affliction" which the Israelites made hastily in their hurried departure, and which did not have time to rise. It is a symbol of freedom, and by eating it, the Jew recalls the importance of the holiday.

On the first two evenings of Passover, the Seder ("Order of the Service") is conducted, and sumptuous feast is served. It is traditionally a time for large family reunions. Besides the unleavened bread, wine and other articles are partaken of as symbolic reminders of freedom.

Four cups of wine are drunk during the evening to represent the four-fold Biblical promise of redemption: "I will bring you out, deliver you, redeem you, take you."

A fifth cup, the "Cup of Elijah," is placed on the table in the spirit of joyous hospitality and represents the climactic redemptive promise: "And I will bring you into the land."

The Haggadah ("The Story") is the book which serves as a guide in the conducting of the Seder service. It is comprised of readings from the Bible, Rabbinic Literature, and the Prayerbook, and contains special songs. It forms a comprehensive account of the life of the Israelites in Egypt and their departure. Although Moses led them out of bondage, his name is mentioned but once.

The dominant feature of the story is the faith and confidence which the people had in God, and how, through this faith, they were delivered. Indeed, it is this same faith which has preserved spiritual freedom throughout the ages and which is the cornerstone of Judaism today.

Distinguished Churchman Here for Week of Ministry

Dr. Harold K. Graves, president of the Golden Gate Baptist Seminary in Mill Valley, Calif., will conduct a series of services on spiritual emphasis here during Holy Week, April 3-8, beginning this Sunday.

Chaplain R. W. Odell announced that Dr. Graves' ministry here would include Chapel services at 8:30 and 11 a.m. this Sunday, and each evening at 7:30 in the All Faith Chapel.

In addition he will conduct a 20-minute service beginning at noon Monday through Friday. These lunch hour devotions are designed for strengthening our lives spiritually, Chaplain Odell noted.

The eminent churchman was born March 25, 1912 in Sale Creek, Tenn. He received his Bachelor of Education degree at Southern Illinois University, his Master of Theology and his Doctor of Theology degrees at Louisville, Ky.

In addition, he holds an honorary Doctor of Laws degree from Oklahoma University, Shawnee, Okla.

He has held pastorates in Kentucky, Indiana, and Oklahoma.



DR. HAROLD K. GRAVES

Tripartite Tests Successful Here

(Continued from Page 1)

gues came away very happy with the results."

Planning for the series began at a meeting of program members 24 months ago, and actual testing at SNORT started in mid-March and ended last Tuesday.

The English personnel here for the testing were T. P. Forrest, United Kingdom project supervisor from the Royal Armament Research and Development Establishment, Ft. Halstead, Kent; Derek Leeming, assessment supervisor from the Royal Aircraft Establishment, Farnborough, Hants; and William E. Braecker, consultant from the Ministry of Aviation, London.

James R. Pryor, track project engineer, of the Systems Development Department, joined Larry Cosner in arranging the tests, then obtained men and materials necessary from day to day to keep the project moving at SNORT.

"Jim is due the main credit for the smoothness of the test series, in spite of some really tough problems that had to be overcome," said Cosner. "The really big one was how to get quick transportation of the English sled and warheads to NOTS. Supply Department did a wonderful job for us in solving that one and Public Works gave us a crew that did quick work in manhandling a lot of our bulky equipment." Harry Potts of PW's Building Trades Branch headed the crew.

To obtain necessary modifications to the English equipment before using it at SNORT, Cosner led a NOTS group of Pryor; Donald Lockwood, a warhead engineer; and Earl Towson, a sled design engineer, to England prior to shipment date.

Cosner explains that the British supplied the sled, its motors and their warheads, and the U.S. supplied track, targets and other warheads. The series of tests came under Research Department's responsibility, he said, with invaluable aid from Systems Development and Public Works Departments.

The highly successful project was funded through BU-WEPS' RMMO-5 section, whose head, LCDr. Donald R. Knutsen, visited the tests. Also viewing test progress this month was Wayne Culbertson, representing the Navy Weapons Laboratories at Dahlgren, Virginia, one of the Navy's oldest facilities, where the legendary Dahlgren Gun of Civil War fame was produced.

State Income Tax Help Available Wed., Apr. 6

A representative of the State of California Franchise Tax Board will be at the Community Center this coming Wednesday, April 6, to assist taxpayers in the preparation of their 1965 State Income Tax returns. The Board representative will be available from 9 a.m. until 4:30 p.m. and employees wishing to avail themselves of this service should obtain permission from their supervisors.

BOWLING

NEWS

By CURTIS HAMILTON NOTS Ext. 725181

PREMIER LEAGUE

The Starlite did some mighty fine bowling to take high team game with a big 978 and then followed up with a 940 and 899 to take high team series with 2817. Meanwhile Jerry Thalken took high game with 259 and Elmer Slates had a fine high series of 602.

MIDWAY LEAGUE

The Playboys took three games from the Nolos to knock them out of first place and gain it for themselves. This is the first time the Nolos have been out of first since they captured it early in the season. CPO had high team game and series with 933 and 2584 respectively, while Charles Newmyer was busy pounding out a 255 high game to be followed by a high series of 598.



BOY SCOUT AWARDS—Carl Hamel (l) and Russ Davis (r) flank recipients of Scouting Awards (l-r) Robert Murphy, First Class Scout Award; Jim Bergens, Life Scout Award; Tom Dunn, two Merit Badges for

Citizenship; Tom Hamel and Kelly Blake, Second Class Scout Awards. Hamel is the Scoutmaster of Troop 3. Davis, institutional representative, presented the awards on behalf of the Elks Lodge.

Writers To Hear Editor's View of How to Publish

Sierra - Panamint Chapter members of the Society of Technical Writers and Publishers will hear William Wallace, West Coast Regional Editor for McGraw - Hill's "Electronics" magazine, discuss submitting topics to magazines at the Society's Thursday, April 7, meeting at The Hideaway in Ridgcrest.

The dinner meeting is to start at 6 p.m. with a social hour, with the meal following. The Society has invited everyone interested to attend the meeting because of the general interest of Wallace's subject to the Station at large and to the many individual authors wishing to write for open literature.

William Wallace is to discuss selecting the proper publication for the topic, initial contact with the publication, working with its editors, pay or no pay, reprint copies and other items. He will also examine what trade magazines look for in news-type stories, new product releases and other special articles.

Wallace is a licensed professional engineer in the State of California, and was the regional editor for McGraw - Hill's "Product Engineering" before his present assignment. He was a practicing engineer for 15 years, and owned his own consulting firm, before joining the publishing house.

Last of Big Rush! Join the Crowd!

The last call is sounded by Disbursing Division for employees wishing to be a member of the crowd that's not in line at the bank on payday.

China Lakers may take advantage of having their paycheck automatically deposited in bank accounts by signing the required forms at Disbursing Office anytime during normal working hours before April 8. Those who sign up during this period will have their paychecks automatically deposited beginning April 15.

All requests now in effect will remain in effect, unless a request for cancellation is received before April 8.

Those interested are urged to bring their bank account numbers with them when signing up.

Teams Form for Softball Season's Intramural Action

The Great American Pastime is again issuing its irresistible call to aficionados at China Lake as four softball teams begin forming for the 1966 season of intramural play.

Bob Hooper, Rocketeer softball columnist during last season, announces that he, Pete Zamarron, Bert Andreasen and Joe Seibold are heading up teams and accepting players. He said Intramural League play is expected to begin by late May or the first of June.

China Lake softball enthusiasts wanting to join in '66 season play after the winter's hibernation should call one of the four team managers at ext. 75032 for Seibold, 75231 for Andreasen, 725821 for Zamarron and 75151 for Hooper at their homes.

The United States Armed Forces Institute has announced that a revised course in general psychology is now available. Titled "General Psychology" (E 485) the course corresponds to one semester of general psychology usually taught at the college or junior college level.



TO PRESENT FREE LECTURE MONDAY—Julius Sumner Miller, physics instructor at Los Angeles' El Camino College, gives physics demonstration for students. Prof. Miller will present a free lecture Monday at 7:30 p.m. in the Burroughs High School multi-use room. He doubles as Prof. Wonderful.

How-To Classes On Care of Infant Set by Red Cross

Fathers-to-be! Mothers-to-be! A new Red Cross mother and child care class will begin on Thursday, April 14, from 1900 to 2100 hours. It will be held for six Thursdays in the Red Cross building, Old Dorm 15, near the corner of Hussey and Lauritsen.

For registration or further information, call Mrs. Paul Jorgensen, ext. 723643, or Mrs. John Strang, ext. 73281, or see Mrs. Jorgensen at 509-A Lexington.

GEBA Assessment No. 108 Now Due

Members of the Government Employees Benefit Association and the China Lake Mutual Aid Society are reminded that assessments No. 108 and No. 36 are now due.

Assessments have been levied due to the death of Kenneth G. Collins, 62, a long-time security policeman.

He died of an apparent heart attack in a physician's office at Los Angeles on Tuesday, March 29.

Payments of \$1.20 may be mailed to Joseph M. Becker, Secretary-Treasurer, 77-B Renshaw, China Lake.

Peck, Johnston Tie In 'Tin Whistle' Tourney

Add a point for a bogey, two for par, three for a birdie and four for an eagle, then add your handicap if you want to win a "tin whistle" tournament at China Lake Golf Club.

That's just what Jim Peck and Winn Johnston did to tie for first place in the off-beat match Sunday. Close on their heels with another tie for second were Ed Judge and Kermit Beaver who scored 42's.

The laugh - provoking "tin whistle" competition was the latest of a full schedule of weekend activities planned for the season at the golf club.