



WORLD COMES TO NOTS—American Field Service students from the Bakersfield area visit the Maturango Museum as part of their April 13 tour of NOTS. Representing the U.S. and several foreign countries, and accompanied by their sponsors, they were welcomed by Chaplain Paul Toland, then toured Code 55 facilities and the Univac computers in Michelson Lab and the test range facilities.



SHIPS OVER—SKI Phillip K. Fraker, assistant manager of the Acey Ducey club, is congratulated on his re-enlistment for six more years by LCDr. Frederick H. Elliott, Commanding Officer of NOTS enlisted personnel. Fraker, father of five, will report aboard ship sometime in October.

Music Students Win Top Honors At Bakersfield

Twenty-six musicians and vocalists from Burroughs High School music department won special honors Saturday at the California Music Educators Association evaluation conclave at Bakersfield.

Elizabeth Ward won "superior" awards for both flute and piano solos. "Excellent" awards went to the eight-member baroque ensemble, the 10-member madrigal singers, and several solo instrumentalists including Nancy Arsenault, violin, Helen Hammer, clarinet, and a woodwind duet composed of Helen Hammer and Elizabeth Ward.

The baroque members included: Nancy Arsenault, concert mistress, Lauri Neil, Penny Edwards, Norman George, Robert Bechtel, Kathy Sewell, Larry Fisher and Eric Leipnik. Jim Sweany, Miriam Kirk, Tom Andreasen, Wendy Sorenson, Tom Perkins, Linda Hartzell, Scott Shacklett, Annell Cox, Peggy Hensley and Terry Fritchman comprised the madrigal singers.

Other students who participated in the conclave included Judy Privitt, soprano solo; Karen McLaughlin and Susan Creer, clarinet solos, and a clarinet quartet with these two plus Brenda Davis and Helen Hammer.

Now Carrier Qualified



NOW CARRIER QUALIFIED — Air Force Captain James O'Brien added another first to his already long list of accomplishments. He recently made 10 arrested landings aboard the Aircraft Carrier USS Oriskany in an A-4 aircraft during a carrier qualification period for VX-5 pilots. Capt. O'Brien is the Air Force Liaison officer to VX-5.

College Student Art Show Aims At Appreciation

An entry deadline of April 25 has been set for an art show to be held at Bakersfield College Desert Division's classroom No. 1 on April 28 and 29.

The show is sponsored by the Associated Students as a means of promoting art appreciation in the desert area. Entries are being taken from students and instructors at the college. A Certificate of Achievement will be awarded to the best entry. The public is invited.

Show time will be 7 p.m. to 10 p.m. on the 28th and from 10 a.m. to 4 p.m. on the 29th. Entry forms are available at the College Office. Further information is available from Gerald Burgess at 375-5276.



LCDR. THOMAS H. EWALL assumed the duties of Operations Officer at VX-5 recently. He reported to VX-5 from VF-154, Miramar, and has served with VF-151 and 121. LCDR. Ewall is a graduate of Iowa State College, where he majored in mechanical engineering, and holds an M.S. in physics from the Post Graduate School, Monterey. Hailing from Omaha, he has won 12 Air Medals, Navy Commendation Medal, Navy Unit Commendation (2 awards), American Defense (2 awards), Vietnam Service (3 awards) and a Vietnam ribbon in his service career.

TV Will Feature USNA Glee Club

The Mike Douglas Show tonight, has devoted a full 90 minutes to the appearance of the USNA Glee Club. The program features numerous musical selections by the Glee Club as well as film clips and interviews with midshipmen concerning life at the Academy.

The program is well produced and should give millions of Americans a unique look at the Academy. It is scheduled to appear on Channel 7.

Public Schools Week Is Now 48 Years Old

Public Invited To Open House

Forty-eight years ago Public Schools Week began its distinguished career, initiated and sponsored by the Grand Masonic Lodge of California. The 1967 PSW observance, April 24 to 28, will again be a time for the public to visit, encourage, and support the schools in the area providing educational programs to keep pace with today's needs and tomorrow's demands for a wide range of new skills, services, and complex technologies.

The Public Schools Week theme for this year focuses on strengthening America through community, state and national support of the public schools in providing excellence in education to help prepare youth for the responsibilities and challenges of the space age and the 21st Century.

Solutions to the problems of a rapidly increasing school population, the need for more school facilities, teachers, and educational services require the concerted efforts of teachers, parents and the entire community to "insure America's Future."

It is the responsibility of the community to help the schools face the challenge of stepping up their educational program to match the pace of today's rapid advances in all fields of endeavor. Find out what you can do by visiting the school your child attends during open house April 24 to 28.

The Open House Schedule will be: Monday, April 24, from 6:30 to 8 p.m. at the Desert Park, Richmond, Las Flores and Inyokern schools. Tuesday, April 25, from 6:30 to 8 p.m. at the Murray, James Monroe and Ridgecrest Heights schools. Thursday, April 27, from 6:30 to 8 p.m. at the Groves, Viweg and Burroughs schools.

On Wednesday, April 26, from 7:30 to 9 p.m. the public is invited to attend a reception honoring the public school teachers of the Indian Wells Valley, to be held at the IWW Masonic Temple, 625 Norma St., Ridgecrest.



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Naval Ordnance Test Station, China Lake, California

Fri., April 21, 1967

Info Retrieval Being Developed As Project Man's Best Friend

JOHN R. McCABE

Let us set a scene: You're a program manager. You enter your office one morning to be confronted with the question, "How many and what types of failures occurred in your equipment during 1965?" Or, you're a project engineer working at home one night and the solution to a perplexing program can be solved only by additional information, which is not at your disposal.

It would be wonderful indeed if the information you needed could be obtained by lifting your telephone piece and dialing a number to activate a centrally located computer that stores the information. The computer would retrieve the information from its memory bank and play it back to your office or home on a small display console.

This system of data retrieval, or a comparable capability, is the goal of a relatively new but fast growing service in the Engineering Department, the Information Handling Branch.

This two-year-old branch, under the direction of Robert W. Weakley, plans to provide the Station with this automatic or semi-automatic information handling service, though the full capability will not be available for some time.

able for some time.

The branch now uses a manual method for storing and retrieving information. Documents are microfilmed and stored in plastic magazines, much like the ones used for automatic-feeding movie film or recording tape. These magazines can be filed in compact units, taking only a fraction of the space used for the original documents.

What Can It Do?

Approximately 35,000 documents are presently on microfilm for the Chaparral, Fireye and Rockeye II programs, and Mr. Weakley estimates that the facility will hold 100,000 documents before the present techniques are exhausted.

Each document is given an "address" before it is microfilmed to identify its location in the microfilm magazine. The address consists of a number and a short description or "terms" of the subject matter. This address is punched on IBM cards, which are then used to transfer the data to 10-by-13 inch term cards, using a Termatex Files machine. The address is represented on the term cards by drilled holes.

When information is requested from the Information Handling Branch, all the term cards containing information on that

subject are withdrawn and placed, one on top of the other, on a special light box called a view graph.

A sliding rule on the face of the view graph locates the position of each pinpoint of light showing through the cards. Each position, of a possible 10,000, has its own coordinates, which describes the location of the particular microfilm package in which the documents

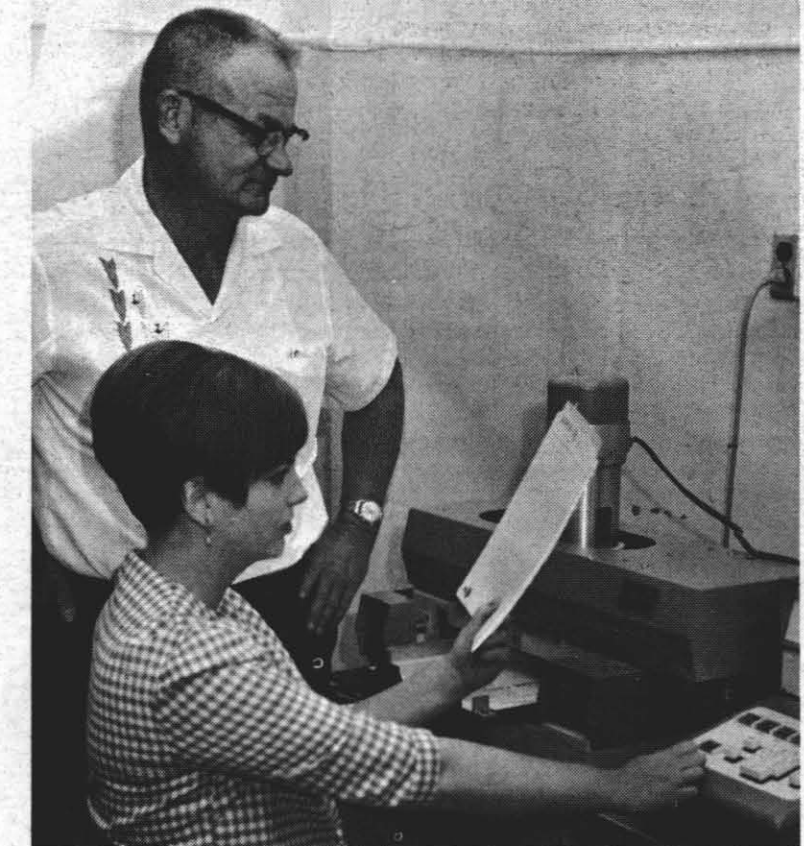
are contained. This search method is called the "optical coincidence system."

Improvements on the Way Though the present system requires a good deal of handwork, it lends itself to computer automation and remote control convenience according to Mr. Weakley. He foresees the eventual use of microphotography, an improvement that

(Continued on Page 5)



SEARCHING THE FILES — Jenny Stephens, Information Handling Br. supervisor at Assoc. Aero Science, finds the file locations of all microfilmed documents having to do with a certain subject by superimposing term card on light box, then noting positions of drilled holes which coincide in all cards. At her left is one type of microfilm viewer.



SETTING UP THE DATA—Robert Weakley, head of Information Handling Br., observes Sarah Melim, peripheral computer operator, prepare document term cards on Termatex Files machine, which drills tiny holes in each card. Each large card has positions for 10,000 holes, each representing a possible location in the microfilm files. Device at right is the keyboard control with which she will set position numbers to direct the drilling operation.



PRESENTS PROCLAMATION — Captain G. H. Lowe, ComNOTS, presents certificate proclaiming April 24 to 28 as Public Schools Week to representatives of area schools and IWW Masonic Lodge. With Capt. Lowe, from left to right are: Kenneth Westcott, Principal of Burroughs High School; Douglas McMillan, Worshipful Master, Masonic Lodge;

Albert Gould, President of the Board of Trustees, Kern County Union High School District; Robert F. Cartwright, Proclamation Committee Chairman; Vincent N. Wall, Principal, Richmond School, and Carl Baker, Assistant to Superintendent, China Lake Schools.

—Photo by PH3 Jerry Willey

CROSSWORD PUZZLE

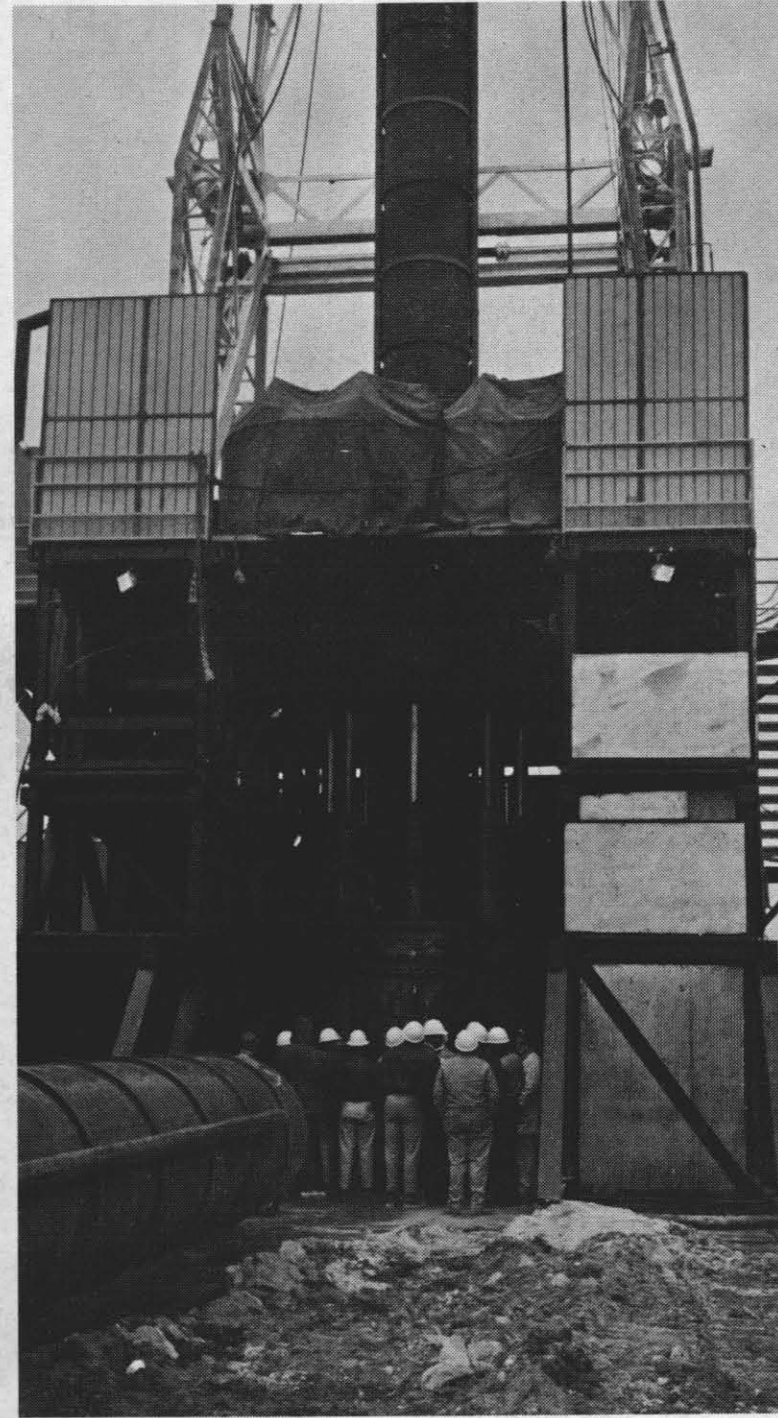
Crossword puzzle grid with clues for Across and Down. Includes a small grid for the crossword puzzle.

SHOWBOAT

Friday and Saturday puzzle solutions. Friday: 'Penelope' (99 Min.), 'Captain Sinbad' (85 Min.), 'Millionaire Droopy' (7 Min.), 'Desperado Trail' (92 Min.). Saturday: 'Captain Sinbad' (85 Min.), 'Millionaire Droopy' (7 Min.), 'Desperado Trail' (92 Min.).

Form for placing a stamp. Includes fields for 'From', 'TO', and a 'PLACE STAMP HERE' box.

Researchers Find Techniques are Ready For Descent to the Bowels of the Earth



Tour to AEC's Nevada Test Site Helps 'Rock Site'

JOHN R. McCABE

Another careful step forward toward the day when the Navy will descend to beneath the floor of the sea was taken in January by NOTS, when a group of nine researchers from China Lake and Pasadena traveled to the Atomic Energy Commission's Nevada Test Site.

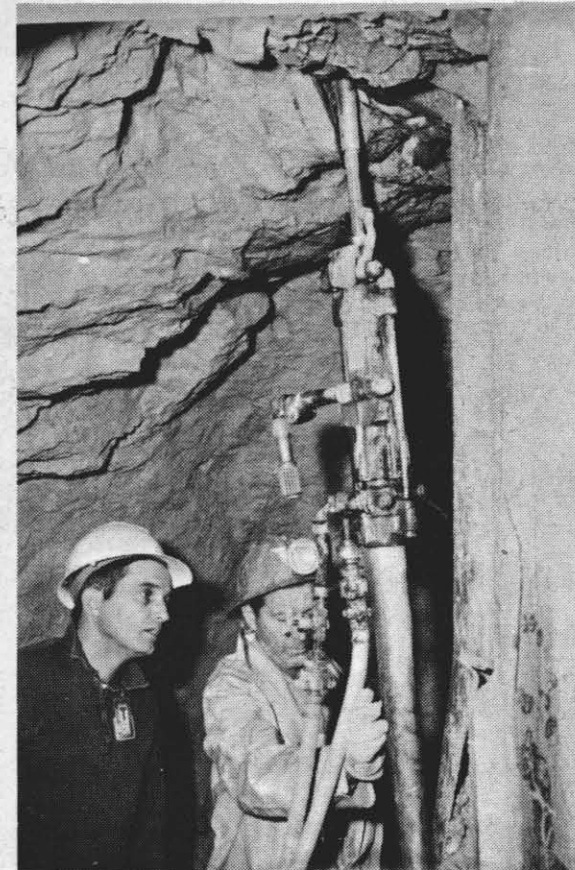
During a packed day of investigation with AEC and Test Site contractor people, the nine descended into and studied a deep underground excavation, of the kind used to house and test nuclear devices and their effects.

Pose Critical Questions
"Our main purpose for the visit was to acquaint people with the size and precision with which shafts are being drilled today, and to observe excavation operations at the bottom of a deep shaft," says Dr. Carl Austin, the creator of the Rock Site concept.

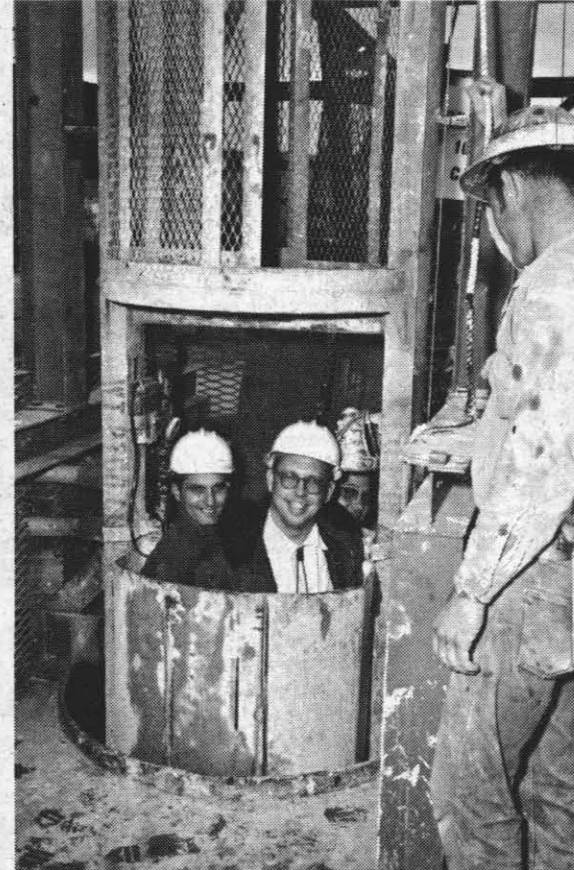
"Another critical aspect of this AEC operation was of great concern to us," adds George A. Wilkins, a co-worker with Dr. Austin. "This question was 'Can men work effectively and efficiently in digging outward from the initiated cramped quarters at the bottom of a deep shaft?'"

Their studies in Nevada answered this question in the affirmative. The group particularly chose one excavation to view, because it had progressed to just the point at which workers had begun to break out of the bottom of the shaft and begin excavation of a room.

PREPARING THE SHAFT—With AEC and contractor people, group from NOTS views the insertion of steel casing into a drilled shaft 5,000 feet deep. Tubes running length of casing are for pumping of grouting material to seal the shaft walls.



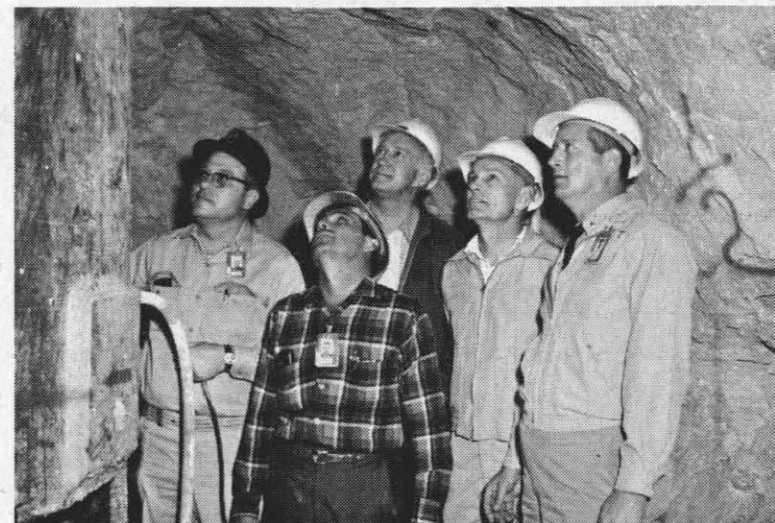
CRAMPED QUARTERS—Surprisingly little sense of confinement was produced by the small volume at the bottom of the shaft. Here, Wilkins observes a Test Site worker enlarging the room at the base of the vertical shaft.



GOING DOWN—The muck bucket at the top of the 2,280-foot shaft starts to descend carrying (l-r) George Wilkins and Dr. Carl Austin of NOTS and a Test Site man. Just above the trio is the man cage. Descent produced enthusiasm.



THEY CAME FROM 2,280 FEET . . . Back to the surface from a tour of an AEC deep shaft at the Nevada Test Site, that is. Standing (l-r) are Dr. Carl Austin of Research Dept. and creator of the Rock Site concept; Donald K. Moore, head of Code 40's Undersea Systems Div.; Cdr. Robert L. Brady, Jr., Military Asst. for Undersea Weapons; George A. Wilkins of Undersea Systems Div. and a Rock Site analyst; and Ron Carlton of Weapons Planning Group. Kneeling (l-r) are Lt. Edward S. Perry, Public Works Officer, Pasadena; Frank H. Knemeyer, Head of Weapons Development Dept.; Richard V. Boyd, Assoc. Head of Code 404; and Lcdr. Russell Myers, Jr., recent Asst. Public Works Officer who left NOTS last month.



EXAMINING THE SEAL—Joining three Test Site men at shaft's bottom are Cdr. Robert Brady (r) and Code 40 head F. H. Knemeyer (2nd r). They examine the quality of the grouted seal between the steel shaft wall and the surrounding rock.



EXIT AT THE BOTTOM—Workers broke out of shaft bottom with a cutting torch. The small ports in strengthening structures above the opening allow worker to drill outward to test for water seepage. If necessary, grouting cement can be pumped through a valve to consolidate the rock.

(Continued on Page 5)

Documentation Can Be Minutes In the Finding

(Continued from Page 1)

will allow the present storage area to hold about ten times as much data or about one million documents. He is planning to use magnetic tape to store information addresses, which will allow the customer to request abstracts of documents through a remotely controlled console.

The customer would determine from the abstract if the document contains the desired information. A retrieval specialist would then select the appropriate microfilm magazine from a central file, place it in a sending unit, and allow the customer to control it from his console.

Growing Service

At the start of the development of this retrieval service, the Information Handling Branch had three people. Today there are 14. They include four in Michelson Laboratory and 10 in the new annex of Associated Aero Science, Inc., in Ridgecrest.

"We hope to become an information retrieval center for the entire Station some day," Weakley commented, "and we will grow as fast and as much as technological advancements will permit."

NOTS Visitors Probe Deep Shaft

(Continued from Page 4)

Drilling operations have been taking place in recent months on San Clemente Island to test the island's suitability as a site for an experimental laboratory under the sea floor just off shore. This was covered in the Nov. 25 issue of the Rocketeer.

"Portions of the AEC system of operation can be transferred directly to the Rock Site program," says Wilkins, "although we would prefer a hydraulic system to remove debris rather than their method of hauling it straight up through the access shaft in a muck bucket."

Perhaps the clearest lesson taught by the visit to Nevada, in the opinion of the visitors from NOTS, was that ordinary people — workers, engineers, technicians, for example — can function at ease in such an environment.

"We found that people of very different levels of enthusiasm about the operation came back to the surface with the same high enthusiasm about working deep underground," Austin and Wilkins report.

Although NOTS and the Navy may yet be years away from a complete, manned, functioning, multi-purpose laboratory under the sea floor — as is now envisioned — the Nevada trip was one more direct view of the technology needed to support the Rock-Site concept.

Aetna Agent To Be At Community Center Thursday and Friday

Howard Keenan, representative of the Aetna Insurance Co., will be at the Community Center next Thursday, April 27, from 9 a.m. to 4:30 p.m. and on Friday, April 28, from 9 a.m. to 3 p.m.



PLANE CAPTAIN MOVING UP—ADJAN David L. Doonkeen has been picked by NAF as its Plane Captain of the Month for April. He's a native of Oklahoma City and a new man to the Navy, entering service in January, 1966. Doonkeen works on F-9 drones at NAF, his first regular billet after Aviation Mechanics "A" School at Memphis and boot training at San Diego. He recently passed tests for his third-class rating. In his off-duty time, Doonkeen uses the skills in auto painting and body work he learned in high school and in a new car agency where he worked before enlisting, or he pursues his recreations of boxing and weight-lifting. He and his wife Cynthia make their China Lake home at 56-C Card St.

(Continued from Page 2)

Clerk-Stenographer, GS-4, Code 5568, PD No. 655079 — Incumbent takes shorthand dictation and performs all secretarial duties including receiving telephone and personal callers, handles incoming correspondence, maintains office files, makes all necessary arrangements for travel, and serves in a liaison capacity between her supervisor and other offices. Must be qualified at typing, shorthand dictating, and dictating machine transcribing.

Clerk-Typist, GS-4 PD No. 655082, Code 5523 — Incumbent provides secretarial and clerical assistance to the Head, Guidance Evaluation Branch, and serves in a liaison capacity between Branch Head and other offices. Answers telephone, distributes mail, maintains branch files. Must be a qualified typist, having a good working knowledge of general office clerical procedures and of the programs under her supervisor's control.

Mechanical Engineer (Ordnance), GS-11 or 12, Code 5561, PD No. 185049-1 — Position located in the Fleet Engineering Division, Weapons Installation and Support Equipment Branch. Incumbent acts as Senior Project Engineer on missile, missile launching and associated equipment programs for the Navy, Air Force, or other agencies as directed by the Navy. He is responsible for the design, producibility and functional capabilities of projects assigned to him. He is also responsible for the evolution of in-service equipment modifications and procedure changes to assure continuous Fleet readiness with these items.

File applications for above with Joan Cheever, Code 657, Bldg. 34, Rm. 34, Phone 71514.

Equipment Specialist (General), PD No. 335004, GS-1470-8, Code 3502 — Position located at Armitage Field, Equipment Branch, Planning Staff, Aviation Ordnance Department. The incumbent is responsible for the plant account control operation of the Department. This includes developing and maintaining records on all plant account equipment in the Department, such as (1) recording new equipment (2) transfer of equipment within the Department or to other Departments (3) survey of equipment for other utilization or disposal and (4) coordinating the Department's inventory and providing assistance in the procurement of equipment.

File application for above with Mary Morrison, Rm. 32, Bldg. 34, Phone 72032.

File Clerk (Typing), GS-305-4, PD No. 735033, Code 3511 — This position is located in Missile Development Branch A, Aviation Ordnance Department. The Branch provides program management of the Condor Air-to-ground Missile System. This position will be a central control point for all Engineering Drawings of the missile weapon system. Duties include filing and follow up of Engineering Drawings and Specifications; verification of drawing lists information; and typing necessary correspondence for routing of documents or reports.

File application for above with Mary Morrison, Rm. 32, Bldg. 34, Phone 72032.

ANNOUNCEMENT NO. 409
Engineering Aid and Science Assistant, issued March 31, 1967, will be open until further notice. This announcement is used to fill Federal positions in Biological, Engineering, Medical, Scientific and other Technical fields. For further information, check with Personnel, Room 1, Bldg. 34.



LIKES WIDE OPEN SPACES—Hard work and a "can-do" spirit won ABH-3 James D. Branch election as "Plane Captain of the Month" at VX-5. His duty assignments have brought out the outdoorsman in him, from Fallon, Nevada, to Adak, Alaska. "Alaska's a great place for a person who likes the outdoors," he says, and admits to being a hunter, fisherman and novice skier himself. Branch is a native of Yuba, Oklahoma, and joined the Navy in May, 1963. He worked on crash crews at NAAS Fallon and NAS Adak, and joined a VX-5 crew working on A4-E's and A4-C's last November after taking plane captain training with VA-125 at Lemoore.

Relativity Gets Going-Over At AIAA Meet



Ray Stanish

The China Lake Section of the American Institute of Aeronautics and Astronautics will hold its annual meeting for installation of officers in the Mojave Room of the Commissioned Officers' Mess on Wednesday, May 3.

Ray Stanish will be featured as the guest speaker on "Einstein, Relativity and All That Jazz." Stanish's lively tour will begin after a prime rib dinner is served at 7 p.m. Social hour begins at 6 p.m.

The American Institute of Aeronautics and Astronautics is a nationwide professional society encompassing the aerospace field. The local 68-member section is headed by Mr. William Werbach, Head of the Structural Mechanics Branch at NOTS.

Werbach has issued an invitation to all interested to attend this meeting. Non-members may contact Frank Markarian, NOTS extension 72877, for tickets.

New Hours For Swimming Pool

New operating hours for the Station swimming pool have been announced by assistant athletic director Kelvin Bennett. The pool will be open to the public Monday, Wednesday and Friday from 11 a.m. to 9:30 p.m., Saturday 9 a.m. to 5 p.m., and Sunday 1 to 5 p.m.

The pool will be reserved for clubs and private instruction on Tuesday and Thursday. Ladies night will be held between the hours of 6:30 and 9:30 p.m. on Mondays.

Resolution Passed

WHEREAS, we consider that community attention is necessary to the increasing incidence of motorcycle accidents resulting in death and injury;

WHEREAS, many serious or fatal accidents to motorcycle riders can be prevented by wearing properly designed helmets, and that other safety equipment or clothing will further reduce the risk of injury; therefore it is

RESOLVED, that it is the unanimous view of the China Lake Community Council that the Naval Ordnance Test Station establish a dynamic traffic safety program to be effective in preventing accidents involving Station residents resulting from the operation of motorcycles; and be it further

RESOLVED, that this program requires education, training and other specific preventive measures; and be it further

RESOLVED, that at all times, we encourage the wearing of an approved safety helmet by all Station residents when operating or riding as a passenger on a motorcycle.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

Retirement For Evelyn



EVELYN COIT makes a final stand with the "tools of her trade." Her retirement concludes a 21-year Federal Government career.

"I'm going to sleep for a month," was the ready reply from Evelyn Coit when queried as to her retirement plans. We who are familiar with Evelyn's zipping about the Teletype Office, receiving, sending and distributing messages at jet-propelled speed find it difficult to believe she will suddenly be able to bring her activities to a screeching halt. Evelyn came to NOTS in January, 1954, hiring in at Thompson Laboratory as a telephone operator. Her 13 years at NOTS complete 21 years of government service. Other service includes War Assets in Detroit and the Department of the Army at Detroit Arsenal.

She was born in Rhode Island but established residence in Detroit after marriage to husband, George, who is a retired engineer from the Detroit Arsenal. The Coits now reside in Glendora where they have enjoyed every minute of their six years in a Mobile Home.

One of the many family teams on station, daughter Ellen Cotterman is employed in the Purchase Division of the Supply Department. Ellen's 13-year-old son, Ronny, promises to keep his vivacious grandmother's retirement full of activity. Maybe she won't miss us too much!

Long Beach Ships To Host General Visiting

The following is a change in the ship's visiting schedule for April 29-30. Visiting hours are from 1-4 p.m. Destroyer USS F. E. Evans (DD 754) vice USS Rupertus (DD 851).

Station Mourns Death Of Shirley McManigal

The many friends of Shirley I. McManigal mourn her recent death. Shirley passed away on Tuesday, April 11 after a short illness. Services were held at Pierce Brothers Mortuary in South Pasadena last Saturday and interment in Valhalla Memorial Park, North Hollywood.

Since coming to NOTS in November, 1945, Shirley held various positions, the latest being that of Voucher Examiner in the Purchase Division, Supply Department.

Shirley is survived by a brother, Vincent McManigal, in Newport Beach.

Keglers Korner

BY RAY HANSON

The El Toros lead the NOTS bowling league by 2.5 games, and it's beginning to look as though the bulls are about to cinch the championship. The Toros, comprised of Dory and John Aitchison, Nova and Len Semeyn, and Ed Karig, have come back strongly despite a series of misfortunes that include injuries, losses of key personnel, and just about everything but fires and earthquakes. Fortunately, the Toros were able to secure the services of Bob Hearn and Jan Cardwell when pinch-hitters were needed, and they've come through like gangbusters.

High scores for the 27th week are as follows: team series, Xclusives, 2964; team game, Milt's Marauders, 1031; men's series, Clyde Flynn, 686; men's game, Bob Marimon, 256; women's series, Dory Aitchison, 657; women's game, Chris Marchand (!), 237.

Welcome Aboard

New Employees
Engineering — Jerry T. Arasaki, General Engineer.

Public Works — George Sanderson, Truck Driver (Heavy); Jack P. Campbell, Truck Driver (Heavy); William R. Slaughter, Rigger; Jack B. Gibson, Maintenance man.

UOD — Madeline C. Starnes, Clerk - Typist; Gerald Patrizze, Electronic Technician.



TWO DECADES — The combined years at NOTS of the above length-of-service pin recipients add up to one 20-year career. D. A. Kunz, Head, Systems Operations Division, presents lapel pins to Bud Schroeder, P80841, five years with NOTS; Bob Evans, P80841, 10 years; and Ralph Myers, P80834, five years (l-r). Schroeder and Evans are employed at Morris Dam and Evans at the Long Beach facility. Captain G. H. Lowe, ComNOTS, looks on and congratulates the trio.

Another Six Years



"JAKE THE DIVER" looks on as Lt. I. L. Durbin, Long Beach Sea Range Officer administers the oath of reenlistment to DC2(DV) Keith L. Meints who has shipped over for another six years. Meints graduated from 2nd. Class Diving School on the YFNB-17 in Norfolk, Virginia, in October, 1962, and was then assigned to the USS Dahlgren DVG-12. He reported to the Service Craft at Long Beach Naval Station and then to the NOTS Diving Department in June 1966. He is one of two Second Class Divers to have ever been employed at NOTS.



ADDITIONAL AWARD — Sam Wolfe, Electronic Technician in the Systems Operations Division (P80821), Engineering Section, (r) earns an additional \$100 award for his patent of a "Fully Continuously Rotatable Potentiometer." D. A. Kunz, Division Head, makes the presentation. This invention relates to potentiometers and more particularly to precision potentiometers of the type in which the potentiometer shaft may be fully continuously rotated through angles in excess of 360 degrees.

PROMOTIONAL OPPORTUNITIES

To apply for positions, contact Christine Marchand, Pasadena Personnel Division, Extension 276. A current SF-58 must be submitted when applying.

Electronic Technician, GS-9, PD No. 6P, 80125-1, Code P8094 — The incumbent will develop, modify and test electronic and electro-mechanical components and devices. Duties include research instruments, instrumentation, and prototype ordnance components.

Medal Maker (Electronic), WB-15, \$3.77 to \$4.09 per hour, Code P8094 — Fabricates experimental or prototype electronic devices. Works from rough sketches, verbal requirements, and engineering prints. Requires good electronic background with particular emphasis on electro-mechanical manufacture.

Kindergarten Pupils Will Register Early

Kindergarten pupils for the 1967-68 school year will be registered at the China Lake School District office on the Murray School campus from May 1 through May 12.

All registrants will be screened prior to placement in classes this year, thus necessitating the early registration date. Information regarding screening and placement will be available at the time of registration.

Registration will take place at the district office between the hours of 8 a.m. and 3 p.m. Monday, May 1, through Friday, May 12. The office will remain open during the lunch hour. It is not necessary for the children to be present at the time of registration, as the screening will take place at a later date.

Children must be five years of age on or before December 2, 1967 to be eligible for attendance in kindergarten for the 1967-68 year. Proof of age must be presented at the time of registration. Recognized proof of age can be a birth certificate, a baptismal certificate duly attested, a passport, or a legally executed affidavit by the parent, guardian or custodian of the child.

Evidence of polio immunization or a written statement by parent or guardian requesting exemption for reasons of personal belief or medical necessity must also be presented at time of registration.

Parents are asked to have information available for the school nurses on childhood illnesses the registrant may have had and dates of all previous immunizations. The nurses will be available to discuss this information with the parent at time of registration.

Summer classes will be scheduled for pre-kindergarten children whose screening results indicate they could benefit from such a program. The classes will be in session July 10 to August 11.

All children who participate in the summer classes will be required to have written evidence of a physical examination; written evidence of immunization against smallpox, diphtheria, whooping cough, poliomyelitis, tetanus, measles, and that they have been given a test for tuberculosis, prior to or in the process of admission, unless the parent or guardian files a letter with the school stating that such immunization or medical examination or test is contrary to his religious belief.

Kern County Art Competition Here In Annual Festival

The doors of the Community Center swing open at 2 p.m. on Saturday, April 22, for public viewing of the District IV competition of the 19th annual Kern County Art Festival.

Sponsored annually by the Kern County Parks and Recreation Department, first-place blue ribbon winners in this district will advance to the Kern County Finals to compete for ribbon awards.

Divisions in the competition include elementary, junior high school, high school and adult amateur. Entrance is by sticker which was sent to applicants after the entrance deadline on March 1. Judging will be accomplished by three out-of-town judges selected by the Parks and Recreation Department. Ribbons will also be awarded for second place (red); third place (white); fourth place (yellow); and honorable mention (green).

Hours for the show will be from 2 to 8 p.m. on Saturday and from 11 to 7 p.m. on Sunday. The show will be set up and supervised by the Desert Art League, local sponsors of the event.

Special activities include a jewelry-making demonstration by Mildred DeHarrold on Saturday, shortly after the show opens at 2 p.m. At 4 o'clock on Saturday, Francilu Hansen will give a watercolor demonstration. On Sunday at 2 p.m. Carol Thomas will demonstrate pottery making on the wheel. Each hour, starting on the hour, there will be a movie shown in Room B on painting techniques, which will be about twenty minutes in length.

Room D of the Community Center will house a special crafts exhibit which will include wood carvings, hand-thrown pottery, sculpture, and other related original crafts. This exhibit is in charge of Mildred DeHarrold.

Room C directly behind the main social hall of the Community Center will have an exhibit of professional artists from the district, which is composed of Ridgerest, China Lake, Inyokern, Johannesburg and Randsburg. Professional artists do not compete at the district level, but may compete at the County level in Bakersfield.

Five paintings have been donated for a special drawing to be held at 5 p.m. on Sunday. The paintings include an oil and a watercolor by Mildred DeHarrold, a watercolor by Ruth Mayer, and a watercolor and an oil by Francilu Hansen.

Chairman of the district show is Jerome Halpin, with Merle Rivette as co-chairman. Elementary division chairman is Francilu Hansen and Adeline Williams is the high school chairman. Adult amateur chairman is Lorraine McClung and Esther Schilberg is in charge of the professional exhibit.

Special arrangements chairman is Ginny Clarke, who has prepared a special mural featuring scenes of Parisian artistic life.

This annual event, which draws huge crowds, has as its purpose the encouraging of original, creative art for all those of school age and older in Kern County.



THEY KNEW HE WAS COMING, SO . . . RAdm. F. A. Brandley, Commandant, 11th Naval District, helps himself to a slice of cake created for his visit here last week by Main Galley crew, with help of CS-2 David Dozier. RAdm. Brandley paid an informal visit to NOTS last Tuesday, April 11, through the following day. A no-host reception was held for him at the Officers Club on the evening of his arrival.

Bicycle Citations Will Be Issued By Police and Mailed to Parents

Due to the increasing number of bicycle registrations on the Station, and an equally increasing number of students in the China Lake Schools who are riding their bicycles to and from school, the NOTS Security Police Department will, in the near future, begin a program intended to minimize bicycle accidents.

The program is designed to protect both the bicycle driver and the driver of motor vehicles. After considerable study and examination of bicycle accident reports, as well as consultations with the NOTS Safety Department, it was felt that such a program was needed.

A bicycle is considered a vehicle in traffic, and is governed by the same laws that apply to a motor vehicle. To provide the same protection to the residence of the Station that they have through motor vehicle traffic citations, the program of Bicycle Warning Citations will be started.

If a child is observed in violation of the safety rules or Station regulations pertaining

to the operation of a bicycle, a Bicycle Warning Citation will be made out and mailed to the parent.

It is hoped that the responsibility of a parent to correct the violation will be the only action necessary. If your child tells you that he was given a "ticket" while riding his bicycle, remember, it will be mailed to you from the Vehicle Control Office along with a letter on bicycle safety.

Industrial Hygiene Is Feature Topic Of Nurses Meet

All nurses of the Indian Wells Valley are invited to hear a presentation by Paul Cuykendall, Industrial Hygienist at the Station Hospital, at the up-coming meeting of the Nurses Club Monday, April 24, at 7:30 p.m. in the Community Center.

Everyone interested in the subject of industrial hygiene is invited to attend.

Little League Gets Underway Early Tomorrow

The Public Works Department is again sponsoring a Little League team and is pledging their all-out support to the popular springtime activity for boys.

To give the department's team a head start, they are giving away \$50 worth of fresh water fishing tackle. Some lucky person will be the proud owner of a new spinning rod and reel on April 28, just in time for the opening day of trout season.

Public works Officer Captain H. J. Hartman, made the first donation, disclaiming any ambitions to become an angler.



COOPERATION PROGRAM — Attendees of the recent Panel 0-5 Pyrotechnics meeting of the Technical Cooperation Program. From left to right, front row: R. W. Szyplski, U.S. Navy member; D. J. T. Colebrooke, United Kingdom member, Lt(jg) M. Frederick, NASE; T. Boxer, U.S. Army alternate. Second row: B. A. Breslow, Host Chairman, NOTS; C. D. Robinson, NADC; J. Wise, NADC; Dr. P. Dies, British Embassy. Third row: Lt. D. Loy, NASC; P. Cornwell, NADC; M. Murphy, NOSC; E. Camplin, RARDE, United Kingdom; and L. Thompson, NASC. G. Weingarten, U.S. National Leader also attended but was not present for photograph.



PLAQUE PRESENTED — D. J. T. Colebrooke, left, United Kingdom National Leader, receives a plaque in Bristlecone Pine from G. Weingarten, U.S. Nation Leader and Army member of the Technical Cooperation Program. The plaque was awarded as a symbol of lasting cooperation.

CHAPLAIN'S MESSAGE



To Be Twenty-One

By Senior Chaplain Paul Romantum

Recently, I read a brief summary of an excellent message by William E. Phifer, Jr., Central Presbyterian Church, Kansas City, Missouri. If it were possible by some miracle to turn back the years of time to his 21st year, he would seriously organize his life according to three principles. Many who read this are approaching the 21st year, some sooner and some later, so I offer them as recommendations on which to build a sound life. For those who have reached this age or are beyond it, it isn't too late to build your life on these principles.

First, acknowledge your dependence upon God. An ancient proverb states: "In all thy ways acknowledge God, and He shall direct thy paths." Every person needs God's strength and powers to become the person he ought to be. God is our Creator and Sustainer and it is the fool who says there isn't a God.

Second, try to clarify your beliefs concerning the great facts of God, mankind, and human destiny. The Bible will clarify these beyond your expectations for it reveals God to those who seek him. It reveals mankind's failures and his successes when men learn to walk humbly with God. It reminds us that death is a beginning of a new adventure in the presence of God for those who love Him.

Third, establish clearly in your mind the eternal principles by which you guide your actions and chart your life. If you learn and practice the two basic principles given by Jesus, to love God with all your being and your neighbor as yourself, out of chaos and disorder will come peace and integrity, out of unbelief and cynicism will come faith and hope, out of emptiness and frustration will come meaning and purpose.

Cement these together with a lot of patience and your years will be memorable, interesting and worthwhile.



PLANNING BANQUET—Arthur B. McCorkle, executive director and counselor with the Desert Counseling Clinic, discusses final plans for the annual dinner meeting with Margaret A. Cox (center), treasurer, and Carolina Nathan, secretary, of the Board of Directors. The event is scheduled for the Officers Club starting at 7 p.m. on Thursday, April 27. Dr. Herbert Shepard, a behavioral science consultant to NOTS, is to be guest speaker. Reservations and tickets can be obtained by calling ext. 72714.

PROMOTIONAL OPPORTUNITIES

Present Station employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 53. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies.

Physical Science Technician, GS-1311-4, 5, 6 or 7, Code 5019 - Incumbent will operate and trouble-shoot sophisticated electronic apparatus, perform elementary data taking, prepare experimental samples for optical research, and perform other general laboratory assistant duties as assigned. Requires intelligence, initiative, and adaptiveness. Desirable but not necessary is experience in the duties mentioned above, especially that which would give a good understanding of basic electronics.

File applications for the above with Nassim Campbell, Bldg. 24, Rm. 26, Phone 72714. Motion Picture Production Specialist, GS-1071-09, Code 7523 - This position is in the China Lake Film Branch, Technical Information Department. The duties consist of: (1) maintenance of the film processing plant; (2) editing motion picture and sound - 30 per cent; (3) photography - 15 per cent; (4) sound recording and reproductions - 10 per cent; (5) miscellaneous - 5 per cent.

Clerk-Typist, GS-322-02/03, Code 843 - This position is in the Police Division, Security Department. The duties consist of typing, filing, general office work, and acting as receptionist. The position is supervised by the Chief of Police. The work week is 48 hours - 40 hours of straight time and eight hours of overtime. The 48 hours are broken down into six, eight hour days - 7:30 a.m. to 4:30 p.m.

File applications for the above with Carole Cadle, Bldg. 24, Rm. 26, Phone 71448.

Electronic Engineer, GS-12 or 13, Code 3031 - This position pertains to the operation and management of the digital computer center in the Electronic Warfare Complex, a new facility for the study of electronic countermeasures and systems. Responsibilities include overall knowledge of the data gathering and computing systems and the operation of the digital computer during test operations. Initial assignment will consist of orientation, consulting during facility design, and preliminary planning for future requirements.

Electronic Technician, GS-11, 10 or 9, Code 2021 - This position pertains to the operation of the digital computer center in the Electronic Warfare Complex, a new facility for the study of electronic countermeasures and aircraft tactics against surface-to-air weapon systems. Responsibilities will include overall knowledge of the data gathering and computing systems and the operation of the digital computer during test operations. Initial assignment will consist of orientation, consulting during facility design, and preliminary planning for future requirements.

File application for above with Fawn Haycock, Bldg. 34, Rm. 26, Phone 71514.

Rigger, JD No. 213-1, Code 70442 - Provides rigging support for range tests, Michelson Laboratory, and other areas. Rigs for hoisting, jacking, cribbing, shoring, moving and placing of heavy plates, targets, barricades, machinery, and instruments. Moves small buildings and office equipment; loads and off loads railroad and commercial cars; directs operation of cranes, winches, hoists and similar equipment; and assists all other Public Works crafts in routing duties and assignments.

Clerk-Dictating Machine Transcriber, GS-316-4, PD No. 170046, Code 703 - Incumbent will prepare correspondence, reports, memoranda, etc. from recordings and rough drafts. A large part of this material involves engineering terminology and legal descriptions of land parcels, easements, and right-of-way. Personal telephone contacts, setting up and maintaining a central catalog filing system for the Division; prepares miscellaneous administrative duties such as preparing timecards, stub regulations and work requests.

File applications with Dora Childers, Code 657, Rm. 32, Phone 71393.

Clerk - Steno or Clerk - Typist, GS-3 or 4 (1 vacancy), Code 4004 - Types reports and technical material from rough drafts; correspondence; statistical tables and inter-office memoranda and performs miscellaneous clerical duties as required. Qualifications for Clerk - Typist: One year general office-clerical experience and one year clerical experience that involves predominately typist duties is required. Qualifications for Clerk-Steno: Must be able to demonstrate an adequate degree of proficiency in stenography.

File applications for above with June Chipp, Bldg. 34, Rm. 26, Phone 72676.

Mechanical Engineer (Ordnance), GS-12, Code 5563, PD No. 755049 - Project Engineer on the Shrike Warhead and fuzes, including interfaces with other Shrike components. Major duties and responsibilities include: Fleet Engineering (70 per cent), Production (20 per cent), and Configuration Management (10 per cent). Must be qualified engineer in the field of weapon systems, specializing in propulsion, pyrotechnics explosives, mechanical fuzing, and system environments under usage conditions existing in service use.

Mechanical Engineer (Ordnance), GS-12, Code 5563, PD No. 755049 - Incumbent is Project Engineer on the Chaparral War-72-A wings, propulsion systems and warhead. He is responsible for mechanical design, configuration management, and technical assistance to the Program Manager. Performance of work is to be with the above program, but will include some work on the AIM-9D Sidewinder System.

File applications for above with John R. Chipp, Bldg. 34, Rm. 26, Phone 72676.

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

'DESERT PHILOSOPHER'

Nature Hobbies

By "POP" LOFINCK



I was asked to speak to the Cub Scouts last Wednesday about Nature — and was glad to have the opportunity.

There is something about acquiring a nature hobby in youth that is conducive to normalcy and balance and happiness throughout life.

A very small percentage of youngsters with nature hobbies go delinquent — maybe it's because if they are absorbed in a nature hobby they don't have time to go delinquent. That's one possible reason. Another is that the whole of nature seems to be so well balanced — it's a source of education and pleasure to observe. Any nature hobby started in childhood usually survives as a life long interest.

Later in life — if you get into the dumps — contacts with nature through a hobby helps to get you out of the dumps. It has a tendency to relieve tension, the hectic jangle of civilization.

There are two approaches to nature. One is observing the beauty of a landscape or panorama or a tree or a bush or a flower — as an artist sees it with the combination of colors and line patterns.

Another is scientific — in addition to feeling the beauty you learn what kind of a tree it is by the bark and leaves — what species and family it belongs to — that enhances your pleasure, as if you belonged. Or, in viewing a landscape, if you learn the geological formation that created those colors, the beauty of the panorama is enhanced.

Rock hounding is a wonderful hobby and exercise. If you learn what minerals are in that rock you find — your appreciation is enhanced. If you are too young to join the Indian Wells Gem and Mineral Society with their complete lapidary shop, then join the "Pebble Pups" — no rigmarole — just call Royal C. Gould — Office Ext. 712334 or residence Ext. 75963 on the Base. Go out on a field trip and he will teach you.

A comment here — anything you make with your hands is a much more appreciated Christmas present or birthday present than anything you can buy — that applies especially to cut and polished stones. They never fade, wear out, get mildewed or moth-eaten — they will last forever. They don't have to be gem stones — just a pretty stone.

The type of nature hobby you develop depends on your own temperament. The list of potentials is almost unlimited. Suppose one of your hobbies becomes bird watching — you notice birds you didn't know existed. Suppose reptiles — that includes all snakes, lizards, turtles, etc. Suppose ants — there is an open field that has not been explored much yet.

This is your desert and wilderness. You can help keep it clean and unspoiled for future generations and get much pleasure and satisfaction in so doing. The public is getting educated to the use of litter cans much more than they used to, that's good. That's progress. Vandals like an audience to show off too. You don't need to be an approving audience.

There are some things you should not do with your interest in nature. Don't stick your hand in a hole to catch a ground squirrel or chipmunk. Two kids on the Base got bit doing that. And don't wander off without telling someone where you are going. Don't be scared of snakes — just be cautious and alert.

Improved Long Distance Service For NOTS Users

Telephone users that receive service from the NOTS telephone system both official and unofficial will receive faster long distance service starting May 11. Unofficial (residence) telephone subscribers will be furnished an identification card with number for placing long distance calls.

The unofficial subscriber desiring to place a long distance call will dial "O" for the NOTS telephone operator and by stating "unofficial call" will be connected to the California Interstate Telephone Company (CITCO) operator. The CITCO operator will ask for the identification card number for billing purpose and complete the call while the caller remains on the line. This will speed up completion of long distance calls. In order to obtain this service the long distance charges will be billed directly by CITCO to the unofficial subscribers. This means that the unofficial subscriber will receive two telephone bills, one

from NOTS for the basic monthly telephone charges and one from CITCO when there are long distance charges.

It is anticipated that the more rapid completion of long distance calls and the use of identification number for placing calls both on and off station will outweigh the inconvenience of receiving two bills.

Official toll calls that can not be placed via tie-lines, Los Angeles foreign exchange or Autovon will be handled in a similar manner. Each official that is now designated to authorize official long distance calls will be furnished a special billing number which will be used for long distance calls.

A telephone authorization form will be required for each long distance call charged to this number. The authorization form made out for each call must be forwarded to the telephone business office, code 8544, within 24 hours a completion of each call.

THE LOCKER ROOM

"The Good Old Days"

By ED RANCK



It is not altogether uncommon for oldtimers to inform the younger generation just how tough it was back in "their day." Almost everyone has had a grandfather who at one time or another allowed as to how he "walked eight miles to school every day, through snow up to here." This of course, was done after he had milked the cows at 5 o'clock in the morning. The fact that grandpaw may have been born and raised in Anaheim makes little difference, things were really tough in those days.

It's all a matter of human nature, and we suspect that the day will come when our own grandchildren will have to sit through a lecture concerning how tough it was back in '67. ("We didn't just jump into a time capsule and reappear at work, we had to drive eight miles!")

BACK IN '47

So it is in the world of sports. For example, in modern times there is usually a trainer nearby to minister to any minor injury. Back in the days of the old Baltimore Orioles, the best remedy for a compound fracture of the leg was to spit a little tobacco juice on it.

In the year or so that we have been here at China Lake, we have heard a lot of talk about the good old days of sports in the local area. Once upon a time, the Beer Hut ball field was the place to go on a summer evening, and it has been said that at times the crowds could be numbered in the thousands. The ball players, of course, were of much better caliber in those days, and the pennant races were always tight. With the other major competitive sports attracting an equal amount of attention, China Lake had one of the best sports programs west of the Pecos.

Although a certain amount of exaggeration may have blown the stature of the good old days a little out of proportion, we won't deny the fact that there was a lot of interest in sports around here twenty years ago. It is also true that there were plenty of fine athletes in the area back then. Another fact that can't be denied is that interest in athletics at China Lake has declined a bit in the last few years.

A lot of sports endeavors of course, have continued to flourish. The success of such organizations as the IWW swim club, and the local AJBC youth bowling program may be cited as good examples. The major competitive sports haven't fared so well, and in the last few years interest has ebbed considerably.

THE NEW ERA

It is entirely possible that China Lake is about to embark on a new era of athletic interest. Whether local enthusiasm will ever reach the peak of the old days is uncertain, but the opportunity will be there. The events of the next few weeks should prove this to be true, and the good old days may be here again.

All this of course is not coming about by accident. A significant change in the local athletic setup took place in the latter part of 1966. Gabe Imer became the Station's Special Services Director, and in November, Ray Gier took over as Athletic Director. Imer and Gier are professionals. This may not be a very startling fact, until you consider that not everyone who has administered a large recreation program can make that statement.

It is the athletic department which concerns us here. The first event under the direction of Gier was the Station Basketball League's championship game. The event was a success because of the fan's interest in the game, and also because of the way the affair was handled. Next came the China Lake Invitational Volleyball Tournament, it too was successful.

The annual MDISL Volleyball Tournament will mark the reopening of the Station gym tomorrow. This tournament will be the first of two MDISL tournaments at China Lake this year, and with all the preparation that has gone into the event, it should be a fine sports attraction.

For the last month or so, several softball teams have been getting ready for the upcoming softball season. The teams are set and ready to go, and this year's season should be an exciting one. Opening night will be Monday, May 15, with the opening game scheduled for 7 p.m.

At this time there's a lot of preparation underway for the reopening and dedication of the ball park. With the show that is planned, it should be quite an enjoyable night, one that will be a must for all local sports fans. On this evening it should be apparent to all that the good old days of sports at China Lake are here again.

Hiking Club Meet

The China Lake Hiking Club will hold their next meeting on Thursday, April 27, in Room D, Community Center. Slides of the Mt. Whitney trip will be shown. Free refreshments will be offered and everyone is invited.

On Saturday, April 29, the club plans a 6 to 8 mile hike to Olancha Pass and Summit Meadows. The group will meet at 7:30 a.m. at the west parking lot of the Community Center. Bring a lunch.

BOWLING NEWS

Arden Farms won two games from Tom's Place Monday night to clinch the Premier League title. Ridgecrest Bowl rolled a 2770 team series in a vain attempt to catch the leaders, but lost two games to Starlite on the final night of the League's season.

Bob Kochman hit a 268 and Ben Whiteside was close behind with 267 to take individual honors, while Maury Coleman's 619 and Fred Dalpiaz's 615 also highlighted the Premier League action.

In other bowling action, Ken Dalpiaz fired a 256-648 to top the Thursday Night's Men's Handicap League. Mary Jane Clark rolled a 216 game, and Liz Furstenburg hit a 502 series in the Wednesday Women's Handicap. Alice Cutsinger had a sizzling 223-578 to pace the Monday Women's Scratch League.

Ball and Chain League

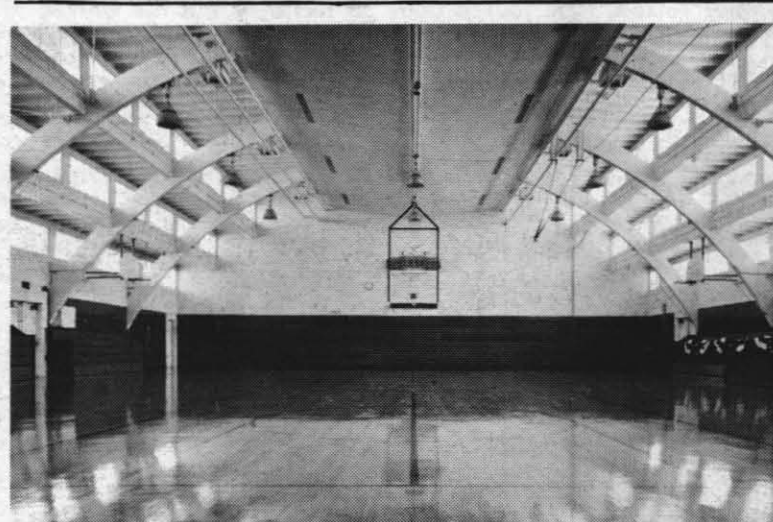
A meeting of all persons interested in a Ball and Chain League, for families, will be held at 7 p.m. April 24, at China Lake Bowling Alley Number 2. It is expected that league action will get underway in the early part of May. It has been requested that all interested parties attend the meeting on Monday evening.

FINAL STANDINGS

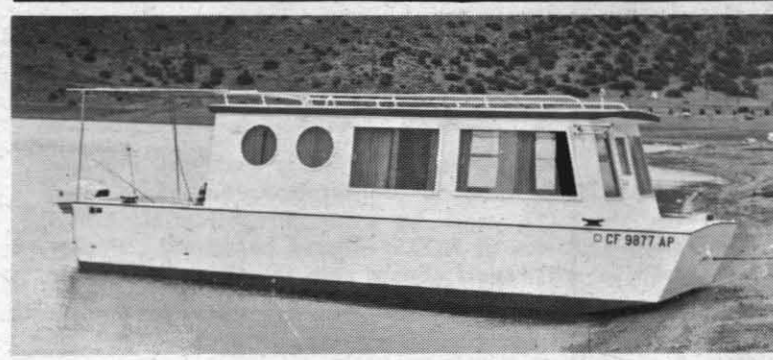
Table with 3 columns: Team Name, W, L. Arden Farms 58 32, Ridgecrest Bowl 56 34, Boyd's Auto Parts 44 46, Tom's Place 39 51, Starlite 38 52, Mercury Movers 35 55.



BOWLING AWARDS — Danny Fuller, center, and Mike Dows receive their AJBC Bowling Awards for top performance in the China Lake AJBC Bowling program from Athletic Director Ray Gier. The Ceremony took place at the annual AJBC awards banquet held at the COP Club.



GYM REOPENS — The Station gym will reopen tomorrow with the event being marked by the 1967 MDISL volleyball tourney. The gym recently underwent extensive renovation.



DO-IT-YOURSELF PERSONIFIED—Boat of the month will be displayed at the China Lake Boat Club headquarters, 355 McIntire, at 6:30 p.m. on April 27. Owner and builder, Earl Hart, will talk on why, time, and expenditures of building. A movie "River Cruising," will follow. The public is invited to attend.

Volleyball Play To Be Highlight

The 1967 MDISL Volleyball Tournament will highlight the reopening of the Station gym Saturday, April 22. The annual tournament, with eight military commands from the Mojave Desert area participating, will begin at 9 a.m., and it is expected that the championship round will be held at 6 p.m. tomorrow evening.

With the recent renovation period complete, the gym will reopen to the public at 11 a.m., Monday, April 24. During the last two months several improvements have been made in the gym area. A new floor, fresh paint job and remodeled bleachers have been installed, and the equipment issue room has been expanded. A speed bag and heavy bag have been added to the workout room, and warmup uniforms will be available at the issue room for all patrons over 18 years old.

A 10-foot marquee is being installed at the entrance of the gym, and will carry information concerning athletic events in the China Lake area.

With the reopening, the Athletic Department has announced several policy changes. Monday night will be ladies night, and it is expected that a weekly, one-hour period of athletic and physical fitness instruction will begin in the near future. Organized athletic instruction for children will be held between 3:30 to 5 p.m. weekdays, and between 1 to 5 p.m. during the summer months.

In conjunction with China Lake's Lifetime Sports Foundation program, badminton instructions will begin soon. Registration for the 16-hour course will be held between 3:30 to 4:30 p.m. on April 24. The program will be open to all children in the 11 to 14 age group. The gym will be open 11 a.m. to 9:30 p.m., Monday through Friday, 9 a.m. to 5 p.m. Saturday, and 1 to 5 p.m. on Sunday. The facilities will be open to adults only between the weekday hours of 11 a.m. to 1 p.m.

The Rocketeer

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DIVINE SERVICES

- Christian Science (Chapel Annex)—Morning Service—10 a.m.; Sunday School—10 a.m.; Protestant—(All Faith Chapel)—Morning Worship—8:15 and 11 a.m.; Sunday School—9:30 a.m.; Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Station Restaurant.; Roman Catholic (All Faith Chapel)—Holy Mass—7, 9:30 a.m., and 12:30 p.m. Sunday.; Daily Mass—11:30 a.m. in Blessed Sacrament Chapel. Saturday, 8:30 a.m.; Confessions—7 to 8:00 p.m. Saturday.; 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, 95 King Ave.) Sunday, 7:30 p.m.

(Continued on Page 5)