



SING AT ALL FAITH CHAPEL—The 26-voice "Revivaltime Choir" under the direction of Cyril McLellan are shown during performance at the All Faith Chapel last Sunday. From Central Bible College, Springfield, Mo., the singing youths are on a summer nation-wide tour. Appearance here was sponsored by the Calvary Assembly of God Church, Ridgecrest, and the All Faith Chapel. Group sings over ABC Radio.

Maturango Museum Offers Free Film Fare

Two educational films will be shown under Maturango Museum auspices, free to the public, on Thursday night, July 1. The double bill, scheduled for 7:30 p.m., has been arranged by Tom K. Jones, replacing program chairman George Silberberg, who is currently on travel in Puerto Rico for the Test Department. The show will consist of two color pictures, running altogether about an hour and 15 minutes.

Recommended as "cooling" fare for a desert summer evening is "Sea Otters of Amchitka Island," which Jones promises possesses the most comprehensive footage on sea otters available anywhere in the world. It was filmed in cooperation with the U.S. Fish and Wild Life Service on Amchitka Island in the Western Aleutians of Alaska.

Introducing the Reptiles
The second film is "Introducing the Reptiles," produced by the New York Zoological Society. It is rated highly informative, suitable for all ages, presenting as it does in a straightforward manner the characteristics, eating habits, and reproduction data for various members of the class. Outstanding photography, according to Jones, makes the film worthwhile for even the knowledgeable student. The pictures will be repeated for the Junior Workshop the following morning.

Burroughs Students Selected
Robert Johnson, 1965 Burroughs graduate, has been hired by Director K. H. Robinson to relieve the Friends of the Museum as attendant during the summer months. Another Burroughs student, Jacques Gauthier, will in turn stand by as Johnson's relief.

Outstanding Coverage

"Once on the verge of extinction," Jones comments, "the sea otter is now abundant in most of its former range. The film stresses in detail the life history, ecology, and behavior of this fabulous fur-bearing marine member of the weasel family. It reveals the inter-relationships of the sea otter with other animal life in its environment, as well as food habits, mother-pup relationships, and group social behavior."

Almost half the funds collected by the American Red Cross are used to support national programs such as services to armed forces and veterans, the blood program and disaster services.



JAMES H. MCGLOTHLIN

McGlothlin to Head NOTS Community Relations Office

James H. McGlothlin, Planning Division Head of NOTS Supply Department, and Station employee for the past eight years will assume the duties of Head, Community Relations Office, Code 113, next Monday, Captain John I. Hardy, ComNOTS, announced today.

McGlothlin will provide advice and staff services to NOTS management in developing, coordinating, and formulating community management policy to accomplish the Station's mission through effective community relations with NOTS, Kern County, and other state and national coordinates.

"He brings to the office a wealth of experience and academic background ideally suited to one of the most important jobs on the Station," Captain Hardy commented.

"Also, the well-being and environmental climate of the community bears an integral part in attracting and retaining superior personnel, and the Community Relations Officer is in a position to provide management with evaluation studies leading to the best possible course of action."

(Continued on Page 3)

James A. Dance of NAF Is 'Bluejacket of Month'



Vol. XX, No. 25 Naval Ordnance Test Station, China Lake, California June 25, 1965

Master at Arms Honored Today in Bakersfield

Serving the Naval Air Facility at NOTS in the important, if unspectacular, duty of Barracks Master at Arms at Barracks number five, James Albert Dance, Gunner's Mate First Class, has been chosen "Bluejacket of the Month" for his outstanding sustained work and steady responsibility.

"Dance is a really top-rate man, and has made himself valuable to NAF by his performance in supervising maintenance in our barracks buildings and as Master at Arms in Barracks Five," testified Ensign Stanley C. Salmi, Division Officer in NAF's First Lieutenant's Division.

"That his work has been consistently good," added Salmi, "is shown by the fact that he received a Meritorious Mast, called by our commanding officer, Captain Yount, last March. Dance was requested by my predecessor, Lieutenant (jg) Robert Sheap."

Bakersfield Shows Its Thanks
The Dance family of four leaves today for Bakersfield, where the Chamber of Commerce and local businessmen will be their hosts for a weekend "on the town."

They will stay at Bakersfield's Holiday Inn Friday and Saturday nights and drive a new automobile from the Haberfelde Ford agency while in the city. Gift certificates from local merchants will be part of their "Welcome!" from the city on their arrival.

Brings Long Navy Record
James Dance, 36, came to NOTS in October, 1963, from duty on the USS Pollux, a supply ship, out of Cocosuka, Japan. Previously he was assigned to the USS Mulberry, a

(Continued on Page 4)



PACK FOR BAKERSFIELD TREK—"Bluejacket of the Month" James Dance and his wife, Eleanor, get an assist from son, Mario, and daughter, Noris, in packing for the family's expense-free weekend in Bakersfield as guests of the Chamber of Commerce.

COM CALENDAR

The Social Event of the Summer Season... a Luau in true Polynesian fashion. Saturday, July 17, will find the Lanai transformed into a South Sea island paradise. Not only an authentic island atmosphere

but a Luau Feast and Polynesian Troupe and Show await you. NAF and VX-5 are co-sponsoring this delightful evening and with their combined efforts, you know it is bound to be a smashing success. Be watching for more exciting details.

Our teenagers really enjoyed their first dance on the Lanai, and just a reminder to them that the next one will be held on Thursday, July 1.

Because our Sunday Buffet on the Lanai was such a success in June, we will continue it through July. Our social hour starts at 4 p.m., and the tempting buffet is served from 5 to 7 p.m. See you there on Sunday.

—Pat Shannon

Does your boat trailer meet the state's motor vehicle laws? If it doesn't, you're asking for a fine or an accident—or both, according to the Kern County Safety Council. Every time you take your trailer on the road or stop for gas, make sure all warning lights and safety devices are working properly. And check to see that hitch and couplings are adequate for your load.

SHOWBOAT

FRIDAY JUNE 25
"THE TRUTH ABOUT SPRING" (102 Min.)
Hayley Mills, John Mills
7:30 p.m.
(Comedy-Drama) The lives of a lovable old sailing roger and his tomboy daughter are changed when she meets her first boyfriend and dad locates a treasure ship in the Caribbean. A bit of romance, action and comedy in beautiful locale. (Adults, Youth and Children.)

SHORT: "Half-baked Alaska" (7 Min.)
SATURDAY JUNE 26
—MATINEE—
"SHEEPMAN" (85 Min.)
Glenn Ford
1 p.m.
SHORTS: "Goggle Fishing Bear" (7 Min.)
"Monster and the Ape" (19 Min.)
—EVENING—
"FERRY CROSS THE MERSAY" (86 Min.)
Gerry and the Pacemakers
7:30 p.m.
(Musical) Rock and roll pandemonium reigns as Gerry and the boys play their famed beat at work, at school, in a Chinese restaurant, etc. Yeah! Yeah! (Adults, Youth and Children.)

SHORT: "By Word of Mousa" (7 Min.)
"Bigtown Village" (15 Min.)
SUNDAY-MONDAY JUNE 27-28
"THE WORLD WITHOUT THE SUN" (91 Min.)
Undersea with Jacques-Yves Cousteau
7:30 p.m.
(Adventure in Color) Go beneath the Red Sea as the Oceanout establish underwater bases and experimental stations made of glass spheres for extended periods. See the denizens of the deep as they are tracked in their lairs. True, Live Fact! (Adults, Youth and Children.)

SHORT: "Rockhound Magoo" (7 Min.)
"Little Hiwatha" (9 Min.)
TUESDAY-WEDNESDAY JUNE 29-30
"THE THRILL OF IT ALL" (107 Min.)
Doris Day, James Garner
7:30 p.m.
(Comedy in Color) When a pretty housewife suddenly becomes a top TV commercial-writer her marriage hits the bumps as her doctor-husband resents her long hours and neglect of him. His campaign to deflate her is hilarious. All in fun! (Adults and Youth.)

SHORT: "Woodpecker Wanted" (7 Min.)
THURSDAY-FRIDAY JULY 1-2
"THE SATAN BUG" (107 Min.)
George Maharis, Anne Francis
7:30 p.m.
(Mystery in Color) Despite all top security precautions a deadly virus is stolen from a desert research installation and a highly suspenseful investigation follows. The fate of mankind hung in the balance in this taut thriller. (Adults, Youth and Mature Children.)

SHORT: "The Pink Pajamas" (7 Min.)

NAMED "CHURCH YOUTH OF THE YEAR"—Parents Mr. and Mrs. Robert Leonard beam as they read citation presented to their daughter, Janice, by the General Commission on Chaplains for her work with the Protestant Religious Program of the NOTS All-Faith Chapel.

From _____ PLACE HERE STAMP
TO _____

Three Receive UCLA Degrees

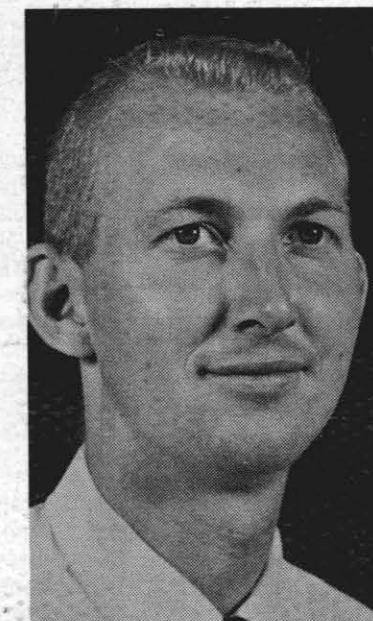
Masters degrees in engineering were won this month by three NOTS employees, members of the 1965 graduating class of the University of California at Los Angeles. They completed their academic re-

quirements through the NOTS-UCLA off-campus graduate program.

Of the three, one works in Test Department, one in Weapons Development Department and one in Engineering Depart-

ment. Tommy W. Nickell, Code 3043, first came to NOTS as a student summer employee in June, 1959. After receiving his BS in Electrical Engineering

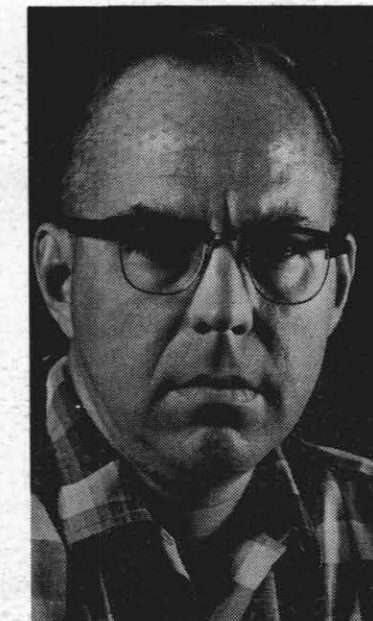
(Continued on Page 5)



TOMMY W. NICKELL



HAROLD D. NUFFER



JOHN W. LINDBERG

Cdr. Loranger Relieves VX-5's Cdr. Riley July 2

Commander Donald Loranger, an attack project pilot at NOTS from 1952 to 1954, has reported from CINCPAC to take over controls of Air Development Squadron Five from Cdr. Edward E. Riley in ceremonies at 10 a.m. Friday, July 2.

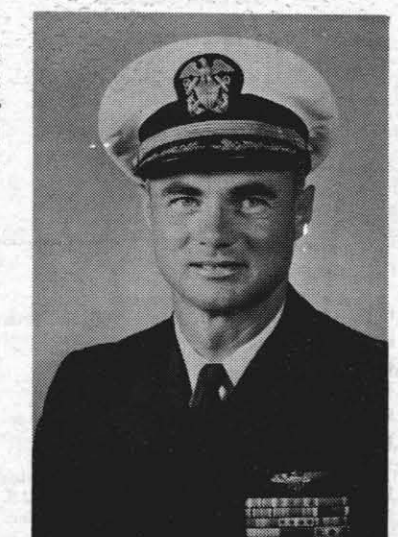
Cdr. Riley, present CO and former executive officer, has received orders to the Air Force's War College at Maxwell Air Force Base at Montgomery, Ala.

A veteran of Korean conflict flying, Cdr. Loranger, of Hanford, Calif., entered the Navy as an enlisted man in the spring of 1943, and completed his flight training at the Naval Air Station at Pensacola, Fla., three years later.

He holds the Distinguished Flying Cross, five Air Medals and ten other service awards, and counts some 4,000 hours in attack and fighter aircraft,

as well as experience with the Shrike missile.

Joining Cdr. Loranger at China Lake are his wife, Florene, and their three children, Linda Kay, 15; Steven Richard, 13; and Katherine Ann, 11.



CDR. DONALD LORANGER

CROSSWORD PUZZLE
ACROSS
1. Intone
6. Figure of speech
11. Mouth of volcano
12. Soften
14. Pace
15. Poem by Homer
17. Chinese mile
18. Affirmative vote
19. Besmirch
20. Title of respect
21. Conjunction
22. Corporeal
23. Part of church
24. Broke suddenly
26. Narrow flat boards
27. Frame of mind
28. Mix
29. Singing group
31. Talker
34. Meeting room
35. Reveals
36. District Attorney (abbr.)
37. Southwestern Indian
38. Swimmer
39. Man's nickname
40. Railroad (abbr.)
41. Late
42. Girl's name
43. Sea nymph
45. Weirder
47. Transactions
48. Apothecary's weight (pl.)
DOWN
1. Coloring stick
2. Diet
3. Devoured
4. Compass point
Answer to Previous Puzzle
ACRE STA SOPS
COED HOT EIRE
END A TRED LEA
RS TIPS AT PT
TALES ARARA
TALES HIE ART
SUN B TIT TOLEO
ETA COD PALES
SOHO PITY
SL NA TARS MA
TEA SOARS AAR
UNCOMFORTABLE
BATS FSS BETS
33. Warning device
41. Afternoon party
35. Poets
42. Period of time
38. Metal fastener
44. Note of scale
39. Slender
46. Teutonic deity
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Sailor Of The Month



JOHN E. LONGWORTH, AC2

John E. Longworth, AC2, USN, has been selected as "Sailor Of The Month" for San Clemente Island. He is presently attached to GCA Unit 57.

John enlisted in the Navy in April 1959 and he presently resides in Long Beach with his wife, "Gerry," and son, John, Jr. His home town is Corbin, Kentucky.

John plans to make the navy his career. He has been selected as "Sailor of the Month" because of his outstanding personal appearance and his devotion to duty. Congratulations, John.

Read About Annex In Data, Skin Diver

For interesting and informative articles about NOTS Pasadena, we suggest that you scan the Data Magazine, May 1965 issue, and Skin Diver Magazine, June 1965 issue.

Data carries an article by Capt. G. H. Lowe, Officer in Charge, covering the mission, philosophy, and accomplishments of NOTS.

Skin Diver carries a very interesting account of our own Navy Divers and their work at San Clemente Island, as well as color and black and white photos.

El Toros Hold First

By RAY HANSON
The rampaging El Toros, with a won-lost record of 15 and 1, continued to dominate the NOTS summer bowling league going into the fourth week of play.

The bulls (Nova Semeyn, John and Dorry Aitchison, John Watkins, and Russ Hayslett) were closely followed by the AstroNOTS (Kathy Stanier, Coco White, Phil Foster, Sam Brown, and Ray Hanson), who had racked up a 13-3 mark.

The Bad Guys were third, followed by the Go-Go's Eagles, NOTSings, Alley Kats, Teams Six and Four, and the Wash Outs, in that order.

High scores for the week were as follows: team series, Team Six, 2903; team game, Eagles, 998; men's series, Joe Halminski, 695; women's series, Jan Cardwell, 596; men's game, Jack Kindred, 253; and women's game, Phyllis Henry, 225.

Howard Miller — "If elected, I will provide the ESO with dynamic leadership and I will improve the lot of every employee by these means —

(1) Polls to determine employee interests, (2) New ideas (I have many and want yours), (3) Intelligent use of ESO income, (4) Improvement of existing services, (5) Intelligent appointments to the chairmanship post of the club."

Michael Oglo — No platform.
Ray Oja — "The ESO Council is pledged to initiate and support programs and activities which are based on their overall benefit to the civilian employees of NOTS Pasadena. As a member, if elected, I will put forth a conscientious effort toward this objective."

Nancy Quistorff — "I believe a wider variety of activities can be sponsored by ESO, for example, perhaps a trip or music festival. If elected I would determine if polls the reactions to proposed or existing activities."

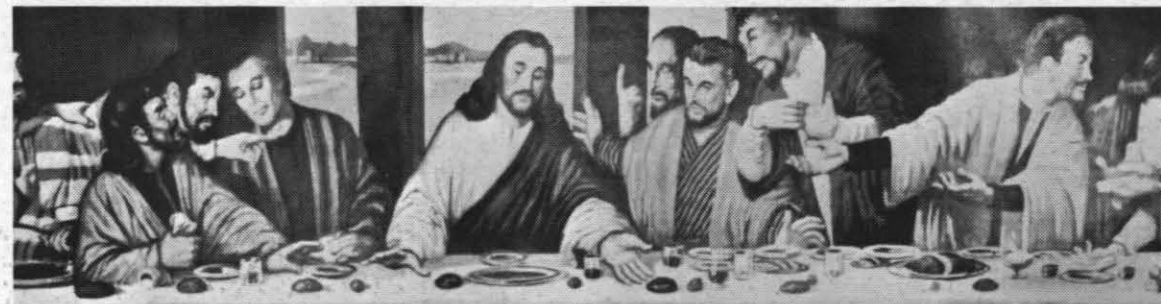
Bernie Pennino — No Platform.
Virginia Spears — "If elected, I will help raise the moral of our employees by determining what activities the majority of the people would like to participate in. I will dedicate myself to the improvement of the ESO."

Lt.(jg) Charles Stender — "As an ESO representative, I would strengthen civilian and military relationships and provide leadership to fulfill the ESO mission."

Robert Wade — "If asked to serve as an ESO representative I would strive to cooperate with the other representatives in determining the desires and best interests of NOTS employees and to carry them out to the best of my ability."

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638



NORM NICHOLS delivers a sermon from the pulpit of the San Clemente Island chapel. The beautiful mural depicting the Last Supper (in background) was recently donated.

House Finks, Mourning Doves, Horned Larks

By CARNEY KRAEMER
All of these and lots more watch over San Clemente Island. In a letter we received today from Dr. Henry E. Childs Jr., who is Chairman of the Life Science Division of Cerritos College, we discovered that House Finks are birds, and that a mouse is (Peromyscus sp.) which we had already suspected.

Dr. Childs wrote Capt. G. H. Lowe to express his gratitude for the courtesy extended him by the Navy, and particularly by Herbert Summers, who arranged a week-end trip for scientists to San Clemente Island recently. During the week-end, Dr. Childs writes, he observed the following creatures at San Clemente Island:

Reptiles — Island Night Lizard, (Xantusia riversiana); Side-blotched Lizard (Uta stansburiana).

Birds — Starling, Horned Lark, Orange-crowned Warbler, English Sparrow, Western Gull, Brown Pelican, Raven, Rock Wren, Mourning Dove, Sparrow Hawk, Surfbird, Pelagic Cormorant, House Fink, Chukar Partridge, Loggerhead Shrike, and Meadowlark.

Mammals — House Cat (feral); Goat (feral); Mouse (Peromyscus sp.); California Sea Lion and Fox.

Reports from Herb Summers indicate that it was indeed a pleasant and rewarding week-end for all the scientists involved. We feel that we owe these people a debt of gratitude for being thoughtful enough to record their findings and forward them to us.

I was sorry, though, that the two "House?" Dogs were not in evidence. We might have found out what their scientific name is; we think it may be (Heinz).



SMILING HAPPILY at receipt of a Quality Step Increase, Susan Burg, Secretary to Deputy for Administration (George Pollak, center), receives congratulations from Pollak and Capt. G. H. Lowe. Originally from Detroit, Mich., Sue has been a resident of Pasadena for nearly 20 years and with NOTS for 14 years. She and her husband, Arthur, have a married daughter, Virginia, 21; and a son, Alan, 24, on active duty with the U. S. Naval Reserves aboard the USS Oriskany.

Norm Nichols Holds Services In SCI Chapel

By STAN SEEBERG

It is always refreshing to find someone who places the virtues of honesty, integrity and spiritual living above the pursuit of materialistic goals. We at NOTS, San Clemente Island, are very happy to tell you about such a man — Norm Nichols, and about the activities he is engaged in.

Norm, as he is known by all, came to NOTS in February of this year and is assigned as Stockman in the SCI Supply Department.

His work in the ministry began in September, 1954, when he was ordained at the Trinity Baptist Church in Memphis, Tenn. He became active in Evangelistic work with young people throughout many of the southern states. His radio broadcasts were welcomed by a multitude of enthusiastic and appreciative listeners in a number of civilian and military activities.

In March of last year, Norm came to California, settling in Santa Ana prior to taking up residence at SCI. One of his first projects here is to redecorate the SCI chapel. New curtains and room fixtures have been ordered, and a beautiful mural depicting the Last Supper, was recently donated.

On March 27 the first church service was held in the chapel. The services are non-denominational, and serve to bring to everyone the opportunity of discovering within himself the deep, inner realities of the Christian life. The Easter service was attended by more than 90 persons. A choir is being organized, and the Sunday evening fellowship hour is very popular and well supported.

McGlothlin to Head NOTS Community Relations Office

(Continued from Page 1)

Oklahoma Graduate McGlothlin, a member of the Lambda Chi Alpha Fraternity, spent two years at the Oklahoma City University and two years at the University of Oklahoma, graduating with a BA degree in business administration.

Locally he has been active in civic and community activities including the vice presidency of the Ridgecrest Chapter, Kiwanis International; director for supply and procurement, Indian Wells Valley Civil Defense Region; member of NOTS Commander's Speaker Panel for Civic Organizations; and member of the PTA Elementary Council.

As a naval officer, McGlothlin's military duty included assignments to NAS Bermuda; ComServRon 3; Navy Supply Centers in Pearl Harbor and Oakland; USS Onslow (AVP-48); and NOTS China Lake. He is presently attached to the local Naval Reserve Construction Battalion, Div. 11-2, holding the rank of Commander.

McGlothlin, his wife, Jean, and four children, Jane, 10; John Scott, 11; Nancy, 15; and James H. Jr., 16, reside at 515 Kearsarge St., China Lake. He is a native of Oklahoma City, Okla.

Research Balance Is Key Subject Of H. G. Wilson

How NOTS researchers can realize the most productive and stable balance between basic and applied research, and how an orderly respect can be maintained between sources of funds and the scientists using them, are the subjects of a recent pamphlet by Haskell G. Wilson, NOTS Associate Technical Director.

Wilson notes in "Some Comments on Research at NOTS" that conditions or restrictions attending the supply of research funds can be made compatible with NOTS' role in supporting the nation's military capability. They can be kept from interfering arbitrarily with scientists' academic freedom—in the negotiation stage. He says that source of funds that propose too many restrictions need not be accepted.

The popular notion of the relation between basic and applied research is refuted in Wilson's commentary. He says the fear that applied research tends to elbow out basic research is "somewhat misleading," since applied research often reveals the need for basic research in a given area.

Wilson is a 20-year veteran of ordnance activities. He transferred to NOTS in June, 1950, from Bureau of Ordnance in Washington, as an ordnance engineer. He succeeded Dr. F. E. Lowance as associate technical director here in January, 1955.

The largest sized shoes ever constructed are a pair of size 39 (1 ft. 9 in.) made in the U.S.



DISCUSS PROGRAM—Al Christman, left, who developed new concept of Station Orientation Program for new employees, discusses program features with Dean Hewitt.

Station Orientation Program For New Employees Lauded

"Revitalization" is the key description for work of recent months on the Station Orientation program for new personnel.

Dean Hewitt, Head, Employee Development Division, reports that the response to the "revitalized" program by attendees has been very encouraging and the program is becoming known as one people want to attend rather than merely sessions they need to attend.

The new two-part program has just gone through its first cycle wherein each new employee since March 1 has had the opportunity to attend one of the monthly orientation meetings and one of the quarterly meetings.

Monthly Meeting
The monthly meetings provide information of concern to employees shortly after hire on such subjects as the community, medical facilities, security, safety, and personal matters. A tour of the ranges is included. The morning session of the monthly meeting is

for new employees and spouses. Military units desiring to do so may send persons to the morning session of the monthly meeting if it fits the orientation needs of their unit. The afternoon session is concerned mainly with civilian employment matters.

Quarterly Meeting
The quarterly meeting is a half-day session designed for both new military and civilian personnel and spouses. It features a talk by the Station Commander or Executive Officer on the mission and operation of the Station. Other subjects include: Station facilities, Community Council, Community and Area Recreation, and Fire Protection. The first of the Quarterly Meetings was held last Friday in the Community Center.

A. B. Christman of the Technical Information Department developed the concept of the new program and has worked with the speakers to bring about the improved program. Alma Barber of the Employee Development Division is the Administrative Coordinator for the program.

Key contributors to the monthly programs held since the March 1 change have been: W. W. Allen, Community Relations Office; CWO R. F. Christopher, Medical Department; R. W. Rusciolleli, Technical Presentations Coordinator's Office; W. E. O'Neill, Security Department; T. T. Chapman and W. A. Ranes, Safety Department; L. R. Buckley, W. H. Funkhouser, W. R. Riley, and R. M. Sasaki, Personnel Department.

Speakers at the first Quarterly meeting were: Capt. Leon Grabowsky, Executive Officer; R. W. Hays, Community Council President; J. W. Sequine and C. H. Wade, Fire Division; Lt.(jg) D. W. DePiero, Special Services Division; and A. B. Christman, Technical Information Department.

Supervisors with employees who have not participated in any orientation program may make arrangements for them to attend one of the Quarterly Meetings by calling Alma Barber, Ext. 71451.

Reports to PW



LT. RICHARD J. WALLACE, new Special Projects Officer for Public Works Dept., reported aboard recently from Bangkok, Thailand, where he was Program Coordinator for Officer in Charge of Construction, Southeast Asia. An Annapolis graduate, he holds Master's degree in Civil Engineering from Univ. of Minn.



CHIEF JOHN COOPER

His outstanding teaching and evaluation efforts in the use of the NOTS-developed Snakeye I weapon won John R. Cooper, Aviation Ordnanceman of Air Development Squadron Five, a letter of commendation recently from Cdr. Jack M. Manherz, past VX-5 commanding officer.

Though warmly worded, the letter necessarily only briefly referred to the latest year in 20 years of intensive experience in naval air weapons and aircraft both in combat and in peacetime development.

Second Tour With VX-5

Chief Cooper arrived at NOTS in August, 1962, already equipped with experience from a tour of duty with VX-5 from 1957 to 1959. Also on his record were the Navy Air Medal for 37 combat missions flown in crews of P-2V craft from Japan along the coasts of Korea, and the Combat Air Crew Wings.

This action followed service in World War II with "CASH-EW 47," a combat aircraft service unit on Saipan, where Cooper repaired damaged planes and trained new pilots.

Trains Crews on Snakeye
Cooper began working with the Snakeye I bombs with their air retardation device in the late spring of 1964 — in training air and deck crews at NOTS and at sea, in training visiting instructor-trainees at NOTS, and in evaluating the results of crew-device performance.

Cooper sailed with the USS Coral Sea, Midway-class carrier, for a double stint of evaluation and training work. In the fall of that year, he went out again with the Coral Sea strictly to train crews in the use of the Snakeye.

In the summer of 1964, John Cooper sailed with the USS Coral Sea, Midway-class carrier, for a double stint of evaluation and training work. In the fall of that year, he went out again with the Coral Sea strictly to train crews in the use of the Snakeye.

John Cooper served a tour of duty aboard the USS Kitty Hawk, Forrestal-class carrier.

John Cooper was reared in a Navy family, in which the stress on preparation and training was important. His father, Bert Cooper (deceased) was a Boatswain's Mate Second Class.

John was active in Naval ROTC at Point Loma High School in his native city of

Capt. Sid Brooks, Once at NOTS, Will Take Command of Weapons Unit

Captain Sidney Brooks, a former Assistant Experimental Officer and acting Executive Officer at NOTS, will take over command of the Naval Weapons Services Office, a tenant activity at the Naval Air Engineering Center, Philadelphia, Pa., next week.

While still a Commander, Capt. Brooks served NOTS as Assistant Experimental Officer from 1957 to 1960, when he received his captain's stripes. From June to July, 1960, he was acting Executive Officer. He was an active participant in the China Lake Toastmasters Club 853 during his three years here.

After leaving NOTS, Capt. Brooks went to a staff assignment at the Naval Postgraduate School at Monterey, Calif. He will report to his new post from the Naval Station, Roosevelt Roads, Puerto Rico.

A native of Cleveland, Ohio, Captain Brooks holds a Master's degree in ceramic engineering from Ohio State University. He started his Navy career in 1940 as a V-7 midshipman at Northwestern University.

Capt. Sidney Brooks

'DESERT PHILOSOPHER'

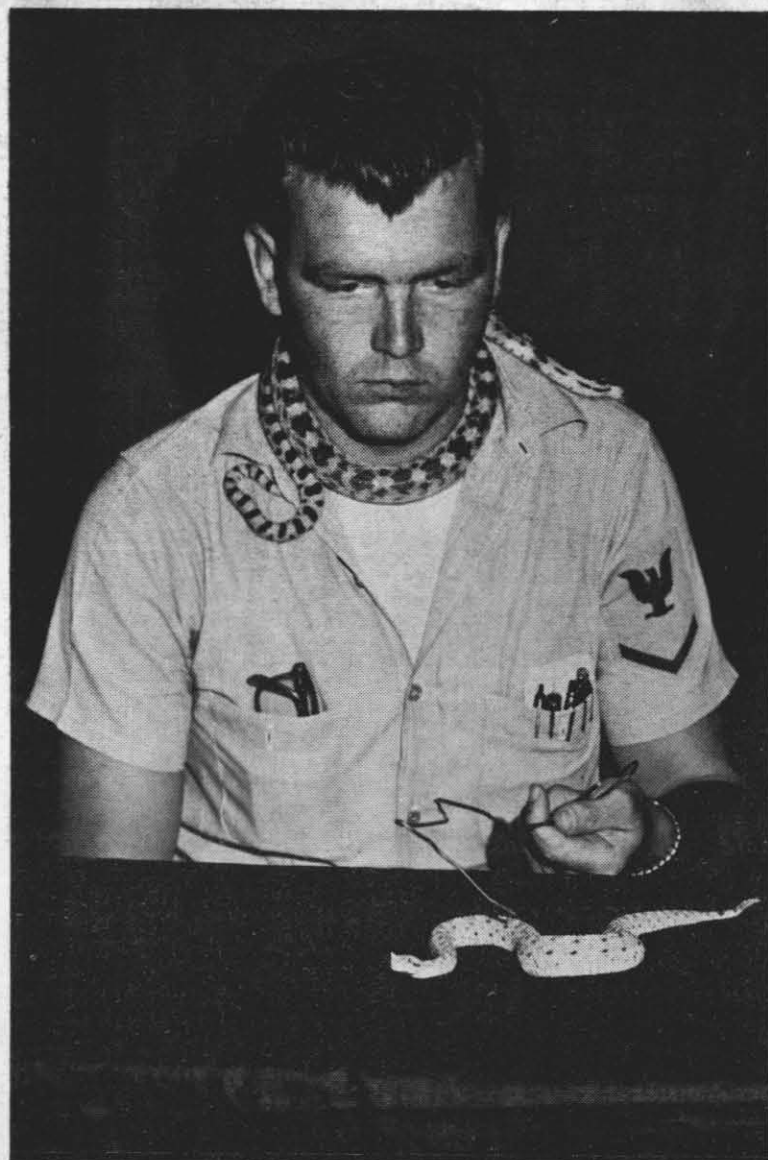
Bill Secor Has Reptile Menagerie

By "POP" LOFINCK



Sailor Bill Secor, a radar technician attached to NOTS Guidance Radar Branch, Code 3026, has an odd hobby. A menagerie of reptiles and arachnids (scorpions).

Picture below shows him holding up a sidewinder (Crotalus cerastes). It is easily identified by the little horns over its eyes, broad head, and little rattlers on its tail. It belongs to the pit viper group (poisonous). I didn't know sidewinders grew that big... that's why the picture.



BILL SECOR, WEARING GOPHER SNAKE as a necklace, stimulates young sidewinder rattler with wire. Note "horns" above each of sidewinder's eyes—they're identification.

He also has a red racer and two gopher snakes and several kinds of lizards, chuckwallas, iguanas, a collared lizard, a whip tail lizard, a mountain spiny lizard, a zebra tailed sand lizard and several night lizards. Also desert tortoises, scorpions, black widow spiders, a vinegaroon, white-footed field mice, and a young pack rat.

CUTE, FRIENDLY, DOESN'T BITE

The pack rat is cute. Very friendly—doesn't bite. It lives in a cage with an exercising wheel made for chipmunks. Being heavier than a chipmunk or a ground squirrel the pack rat has to heave back and forth a little to get the wheel in motion, like a kid starting a swing, then it has a grand time running round and round inside the wheel, mostly at night.

Secor lets the pack rat out of the cage. It runs around a bit but doesn't leave. It knows that the cage is its home.

MUCH IN COMMON WITH PEOPLE

Pack rats have much in common with many of us people—they spend their lives collecting things they have no use for. Maybe that weakness is a part of their appeal.

Pack rats are often called trade rats—that's not accurate—they are not that honest. What happens is they pick up a stick or a bone or a stone to take to their nest... on the way if they see something brighter they drop what they've got and pick the brighter thing. Oldtimers say gold nuggets have been found in pack rat nests.

LONG CAREER OF COLLECTING

Bill Secor picks up scorpions by the tail. But don't you try it—that requires expertness. He has observed and studied and collected bugs, spiders, reptiles, etc., ever since he was a kid on a farm and so has acquired quite an education in that field.

When he gets out of the Navy he can have a career collecting fauna. There is quite a market for pets.

His black widow spider recently gave birth to 50 babies. Bill observed that the mother eats some of her offspring and some of the babies eat their brothers and sisters. One happy family.

What Bill needs now is a kangaroo rat and a big tarantula. He would appreciate receiving them.

NAF Bluejacket Honored Today In Bakersfield

(Continued from Page 1) net tender, out of Long Beach, Calif. He entered the Navy at Richmond, Va., in June, 1947, and took his boot training at Bainbridge, Md.

In his Navy career, Dance has been well decorated, holding honors for Japan Occupation, China Service, Korea National Service (two stars), National Defense, the United Nations Medal and four Good Conduct medals.

Dance, a native of Clairton, Penna., now makes his home at 241 Cisco, China Lake, with his wife, the former Eleanor Payne, and their son, Mario, 22 months, and daughter, Noris, three years.

"I like it very well in this desert country," says Dance. "There's plenty of space and plenty of good air for bringing up children. In fact, after I finish my Navy career with a tour of duty in Japan, I hope to come back to China Lake to work and live." Dance is due to go to Headquarters, Support Activity, in Kokosuka, Japan, this September with his family. It will round out 20 years of Navy service for him.

Mrs. Dance is a native of Colon, Republic of Panama, and is studying toward her U.S. citizenship, which she expects to win later this year. The Dances met through her relatives, friends of Jim Dance, who live in Wilmington, Calif.

IWW Red Cross Needs Volunteers

Are you interested in welfare work? Can you spare one day a month? If so, the Indian Wells Valley Branch of the American Red Cross needs you! This branch of the Red Cross is unique in that it serves the only major military base in the country without a full time Field Director.

The Field Director function here is carried on by volunteer Social Welfare Aides, under the general supervision of William Parham, Field Director at Edwards.

The office here is open only three afternoons a week, a volunteer is on call 24 hours a day. A new class for social Welfare Aides is now being formed. Civilians are especially welcome, as are the wives of military personnel. If interested, please call Mrs. Hans Christensen, Ext. 724113, or Mrs. John Strang, Ext. 73281, for further information.

China Lake Will Host Edwards Tennis Squad

China Lake will host the Edwards Air Force Base tennis squad here this Saturday, on the local courts.

Match play will start at 9:30 a.m., Cdr. Stan Able, captain of the local squad, reports.

Able and Gerry Whitnack are teamed for the first doubles event, to be followed by Jim Smith and Ralph Lindstrom, then Dick Mello and Don Moore.

Able, Smith, Lindstrom, Whitnack, Mello, and Moore are also scheduled for the single events.

10.7% Military Pay Raise Gets House Committee Approval by 33-1 Vote

WASHINGTON (AFPS)—The House Armed Services Committee has approved a military pay bill with an average 10.7 percent raise that would go into effect the first day of the month following enactment.

The committee's decision, by a vote of 33-1, was announced by its chairman, Rep. L. Mendel Rivers, D.-S.C.

The bill must be considered and voted on by the House and Senate before being sent to President Johnson for consideration and final approval.

The committee's bill would provide increases for all personnel—ranging from 13 percent for recruits to 15.3 percent for master sergeants, and

Navy Ingenuity Adapts Kansas-Type Windmill For Use In Philippines

Shades of the old West... An authentic Kansas-type windmill recently went into full operation at the U.S. Naval Communications Station, San Miguel, P.I.

The windmill, a project of Chase C. Cooper, Quartermaster at NavComStaPhil Public Works Transportation, is being tested to see if it could be economically adapted for use by surrounding barriero farms.

This would enable the farmers to supplement their income during the long arid hot season from February to May by growing additional crops.

The 34-year-old mill, which pumps water at the rate of 5-gallons per minute was procured last August 1964 by means of a donation from the Milipas School in California.

22 percent for second lieutenants to 6 percent for the chiefs of staff.

Under the committee's proposal, enlisted personnel would receive an average increase of 12.1 percent costing some \$650 million annually, while officers would get an average 7.2 percent raise amounting to more than \$174 million annually.

Two proposals recommended by Secretary of Defense Robert S. McNamara were included in the bill approved by the committee.

"Mr. McNamara strongly recommended the enactment of a variable reenlistment bonus," said Rep. Rivers, "and the committee believes there is considerable merit in the proposal."

Under the variable reenlistment bonus concept, enlisted personnel in critical skills could be paid reenlistment bonuses amounting to as much as \$5,000.

The committee modified the proposal by authorizing payments in installments instead of a single payment.

A lump sum payment could be made, with approval of the secretary of the department concerned, for meritorious reasons.

Also approved in part, was the Department of Defense proposal that military pay be reviewed annually, and that a complete revision of the military pay structure be submitted to Congress in January 1967 and not less than once every four years thereafter.



DICK W. HAYS, PRESIDENT of the China Lake Community Council (r), receives a plaque from vice-president Richard Frederick, carrying the thanks of the Council member as Hays steps down. He will leave NOTS, and his post as head of the Management Research Group, Central Staff, on July 5, to take up duties in the office of the Deputy Asst. Secretary for Programming, DOD. He came here in Sept. 1956, as a management intern.

Credit Union Now In 17th Year

New Quarters House Large Loan Business



BOARD OF DIRECTORS—President H. H. (Hank) Wair presides at Board of Directors meeting in new conference room. At left are Dick Hitt, board member, and Bob Holloway,

treasurer; at right Evelyn See, secretary, Cdr. Martin Manger, board member, and Bill Koontz, vice president. Absent is board member Capt. Paul Jeffrey.

The NOTS Federal Credit Union marked a new milestone in its 17th year of growth this year when its assets soared to over \$5,000,000 and it moved into new spacious quarters at the northeast corner of Hussey and Blandly.

Old Dorm 1 was completely remodeled throughout. A new air conditioning system affords comfort for employees and customer. New furnishing and decor are pleasing to both employees and Credit Union members and make it as opulent as many financial institutions in metropolitan areas.

It's a far cry from the "horse and buggy days" of January, 1948, when it was organized with nine members and a few hundred dollars in assets and was housed in makeshift quarters.

One month later, it had \$1,162.25 in assets and had loaned \$310. A year later, the membership had grown to 616 mem-

bers with assets amounting to \$37,160.61.

Its growth has been phenomenal ever since, with an annual increase of \$1,000,000 in assets dating from 1957.

Ken Martin, general manager since 1952, credits the outstanding growth of the credit union to the participation of its membership, its volunteer board of directors, and a hard-working office staff.

Volunteer members of the seven-man Board of Directors, who are elected annually by the membership are:

H. H. (Hank) Wair, president (his seventh year); W. P. (Bill) Koontz, vice president; Evelyn See, secretary; R. C. (Bob) Holloway, treasurer; W. R. (Dick) Hitt, director; Cdr. Martin M. Manger, director; and Capt. Paul Jeffrey.

Credit Committee members who meet twice a week to review applications for loans are:

Raymond B. Becker, chairman; Robert J. McClary, secretary; Robert V. McKenzie, Clyde Burum, Eugene Rossellini, Alexander J. Kowalsky and Dionne M. Leslie, both alternates.

Office Staff

The office staff under general manager Ken Martin are: Evelyn Hulin, office manager; Dionne Leslie, loan clerk; Louise Sopke, secretary; Lillian Adamson, loan counselor; Carole Poppen, loan counselor; Terry Zwierski, information clerk; Barbara Hohenshelt, head cashier; Janita Winkler, teller; Jim Lloyd, IBM operator; Virginia Liddle, bookkeeper; and Charles Ball, administrative assistant.

The Credit Union has paid a 5.4 per cent dividend to its share holders for the past three years. A 5 per cent return was realized by members for the years from 1957 to 1961.

During 1964, 3,063 loans were made amounting to \$3,831,869. Membership showed an increase of 457 bringing the total to 5,211.



EVELYNE HULIN... office manager

Three Receive UCLA Degrees

(Continued from Page 1) in January, 1960, from the University of California, Berkeley, he returned and joined the Junior Professional program. Originally assigned to Code 4561, he specialized in instrumentation, but became increasingly involved in controls systems design and development. It was in this area that he wrote his thesis, "Analysis and Design of Hybrid (Digital-Analog) Control Systems."

A bachelor, Nickell hails from Dinuba, Calif. In his leisure hours, he likes to hunt and fish in the Sierras.

Harold Nuffer, Code 4043, became a JP at NOTS shortly after graduating from the Missouri School of Mines in August, 1957. All his NOTS experience has been in Code 40. Currently, he works in inertial guidance with the Guidance Branch of the Astrometrics Division. His thesis was titled, "The Attitude of a Space Vehicle with a Viscous Lanchester Damper."

A native of Kansas, he lives with his wife, the former Monica Young of China Lake, at 54-A Rowe Street.

John W. Lindberg, Code 5516, came to NOTS in 1960 from Standard Oil of California, where he worked nine years as a geophysicist. A native of Whittier, Calif., he was graduated from Pomona College, and won an athletic letter in football there.

With his wife, Carolyn, and their children, Karen, 8, and Kurt, 7, the Lindbergs live at 42-A Vieweg. Aside from his main interest, his general engineering work with the Engineering Department, he lists the desert climate and easy access to the mountains as attracting him most to China Lake.

With the addition of this month's trio of Masters of Science, 39 NOTS employees have received their masters degrees in the program, including two in mathematics.



NEW FOYER — Spacious new foyer with wall-to-wall blue and green tweed carpeting and blending drapes creates pleasant atmosphere for Credit Union customers. Book-

keeper Virginia Liddle checks account with Carole Poppen behind redwood trimmed reception counter. Offices are carpeted and draped throughout the building.

Station Restaurant Will Curtail Hours July 3

The Station Restaurant will curtail its hours of operation beginning Saturday, July 3. Due to extensive maintenance repairs and remodeling of the kitchen area, it will be closed on weekends and holidays.

Commencing July 12, it will close at 1:30 p.m. on weekdays for a period of approximately one month.

During this period extended service will be provided at the Malt Shop for the convenience of customers, according to Dr. C. J. (Chuck) Thelan, Employees Services Board chairman.

MOST SENSITIVE — The U.S. Army radar AN/TPS 25 is so sensitive it can detect the difference between the gait of a man and a woman at a range of six miles.



MANAGER'S OFFICE—General manager Ken Martin's office is tastefully decorated and well lighted. It's a far cry from the "horse and buggy days" of 1952 when Ken took over as manager with assets of \$275,000 and 2,228 members. Assets today are over \$5,000,000 with 5,211 members.