



PROMOTED TO RANK OF CAPTAIN — Former Cdr. Gary B. Bailey (USNR-R), was promoted to the reserve rank of captain on July 1. Rear Admiral R. G. Freeman III, NWC Commander, and Betty Bailey, Capt. Bailey's wife, had the happy duty of pinning on the officer's new collar insignia. Capt. Bailey is a civilian project pilot at the Naval Air Facility. —Photo by Ron Allen

Civilian project pilot promoted; is now captain in Naval Reserve

Gary B. Bailey, a civilian project pilot for Code 1826, who also serves as a flight scheduler, was promoted to the rank of captain in the Navy Reserves during ceremonies held in the office of RAdm. R. G. Freeman, NWC Commander, earlier this week.

Capt. Bailey, who served 13 years on active duty and an additional 13 years with the U.S. Naval Reserve, was recalled to active duty during the Vietnam War. He reported to China Lake in 1970 and was returned to Reserve duty on July 1, 1974. While here, he served as administrative and operations officer at the Naval Air Facility.

He is a member of the Test and Evaluation Reserve Unit 719, homebased at Pt. Mugu, which meets regularly at China Lake. In addition, the new captain has assumed the duties of Officer-in-Charge of the NAF Maintenance Support Unit 119. Capt. Bailey stated that men eligible for aviation machinist mate reciprocating (ADR) and aviation electrician (AE) rates

are particularly needed by this unit.

Persons interested in obtaining more information about this reserve group are asked to contact Capt. Bailey by calling NWC ext. 5462.

Capt. Bailey and his wife, Betty Jo, have two children. They are Douglas, 16, who will begin his sophomore year at Burroughs High School in the fall, and Leora, 13, who attends James Monroe School in Ridgecrest.

GEBA assessment due

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the death this past week of Earl Scarborough.

The deceased, a former Code 35 employee, was 56 years old at the time of his death on July 8 in Penrose, Colo.

GEBA and CLMAS members are asked by Larry Mason, secretary, to contact the collectors in their work area to pay this latest assessment, which is No. 338.

Offices of Intelligence, Current Capabilities Directorate moved

The offices of the Naval Weapons Center's Intelligence and Current Capabilities Directorate have all recently been moved into one location — Wing 5 of Michelson Laboratory.

Jack Latimer, the program director, pointed out that the directorate is comprised of four functions. These are the Scientific and Technical Intelligence Liaison Officer (STILO), Intelligence Library, Current Capabilities Library, and the R&D Planning Library.

"The resources in the areas of threat intelligence and capabilities of U. S. systems are available to any NWC group that has need of them," Latimer said. "Recent improvements in capability and organization now make it desirable to promulgate the current status of these resources," he added.

The present STILO is Robert E. Burrows. He is in Rm. 1522 and his telephone number is NWC ext. 3042. His assistant is Michael R. Rindt.

Responsibilities Outlined

The STILO is responsible for dissemination of intelligence information to any NWC Code with a need for such data. Burrows also provides guidance and assistance in querying the intelligence community for information not locally available. Routine intelligence information is disseminated by Burrows in the following ways:

(1) The intelligence bulletin, a short, monthly digest of significant intelligence events. The bulletin contains a list of recent documents received, reports of foreign material available, a summary of defectors who will answer questions related to their field, a photo page of a selected Soviet system, and often a special article of interest. It is published at the SECRET level and usually is issued in the first week of the month following that for which the summary applies.

(2) Monthly intelligence briefings, usually of general intelligence interest and staged for the technical departments' branch, division and department heads. These briefings contain fewer items than the bulletin, but include those items of most significance. In addition, a special feature on a threat system, technology, or capability is included.

(3) Department head briefings, generally presented at the bi-weekly department head meeting on the Center. The presentation may be a special feature, which is usually included in the monthly brief, or a small number of individual items, which would be repeated in both the bulletin and monthly briefs.

(4) Circ II, a computerized document search and retrieval system. This system allows for on-line searches of a large data bank of scientific and technical intelligence information located at the Foreign Technology Division, Wright Patterson Air Force Base, Ohio. Searches may be structured to select a subject, author, document number, or title.

Intelligrams Issued

(5) Intelligrams, a notification to a specific individual or Code of an item in the Intelligence Library that may be of interest to their particular technology or warfare area. Burrows considers these a time-saving method to inform customers of the availability of new reference materials.

The Intelligence Library contains approximately 9,000 documents, of which over 5,000 are intelligence oriented. The remainder are studies, analyses and locally produced documents. The library is an open-shelf SECRET storage facility and is available to any NWC employee with a SECRET clearance and a need to know. It is located in Rm. 1528, NWC ext. 3944. Wayne Melton is in charge.

The Current Capabilities Library is the intelligence counterpart for U. S. capabilities. It also is located in Rm. 1528 and is under the leadership of John Webb, NWC ext. 2006. Routine requests for documents on specific U. S. systems should be directed to Margaret O'Drobinak, ext. 2006.

Documents on File

Also located within the Intelligence Library is the R&D Planning Library. It contains documents related to Navy and the Department of Defense planning, budgeting, forecasting or programming of the Navy R&D process. Documents such as the Five Year Defense Plan, Planning and Programming Guides, etc., are found in the R&D Planning Library.

All personnel with a need for the type of information described above are invited to contact Code 121 for assistance in locating the documents needed. According to Latimer, the directorate would be pleased to provide a guided tour and explanation of the assets available in the Intelligence Library. Groups up to about 10 persons can easily be accommodated.

Don't cross double white lines in road at Switzer Circle

Reports have been received that some motorists driving around the northwest side of the traffic circle have made the mistake of crossing over the double white line with the result that accidents have been narrowly avoided in some cases.

In view of this, a question has arisen regarding why the double lines were not painted yellow, since most drivers are aware that they shouldn't cross over a double solid yellow line but some apparently aren't sure what a double solid white line means.

To clarify this matter, reference was made to the "Manual of Uniform Traffic Control Devices" which states: "Yellow lines are used to separate lanes when the traffic is flowing in both directions. White lines are used when both lanes of traffic are going in the same direction. In each case, the use of double solid lines indicates that drivers shouldn't cross the lines to pass or go into the other lane."

The double solid line at the traffic circle is used to indicate that travel in the same direction is permitted on both sides of the double line, but crossing these lines is prohibited.

—Photo by Ron Allen



RECEIVE BACHELOR'S DEGREE — Thirteen persons recently received bachelor's degrees in business administration from Cal-State, Bakersfield. They are (front row, l.-r.): Virginia Smith, Yvonne McCabe, Elaine Wunderlich, Josephine Kajiwara, LeeAnn Keck, Sandra Tooker, and Josephine Stewart. In the back row (l.-r.) are Robert Gritton, Jessie Burfeindt, Donette Capello, Kerry Lytle and Leo Ponder, all graduates, who are lined up with four of the program's administrators. The latter are Dr. Robert

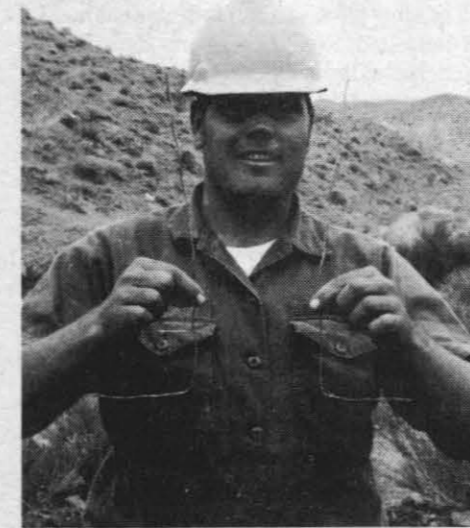
Coe, dean of Cal-State Bakersfield's School of Business and Public Administration; Vicki Ayers, NWC program coordinator; Dr. Roy Dull, dean of Cal-State's continuing education program, and Paul Riley, dean of students at Cerro Coso Community College. John Dancy, another graduate, was unable to be present for the photo. The students completed from two to four years of study at the NWC Training Center to earn their BA degree. The Cal-State program began here in 1972.

Seabee team from Port Hueneme lends hand improving, installing watering devices for wildlife in desert

A 12-man team of Seabees from the 31st Naval Construction Regiment at Port Hueneme headed back to its home base this past Monday after spending six days improving natural springs and watering devices for desert wildlife in the desolate areas of Layton Canyon and Amity Spring on the Naval Weapons Center's Mojave B range.

This work was carried out in daytime temperatures that ranged as high as 120 degrees, according to Ltjg. Dan Hambrock, officer-in-charge of Seabee Team 1024. This, he noted, was quite a change from Port Hueneme, where the average temperature is around 68 to 70 degrees and it is foggy and humid.

After arriving here on July 8, the Seabees had been scheduled to remain through



"WITCHCRAFT" — BU2 Mike Peterson holds a "water witch" that he fabricated from two pieces of galvanized wire. This non-regulation device proved effective in locating a spring that is a source of water in the Layton Canyon area.

today, but by working 14 hours per day succeeded in completing their assigned tasks four days early.

These successors to the World War II servicemen, who made their "Can Do" slogan famous, rolled out at 4:30 a.m. for breakfast and (with the exception of time out for meals and short breaks) were on the job until around 8:30 p.m., when there was no longer sufficient light to see to work.

Carrying out work that comes under the heading of NWC's Natural Resources Management Program, the Seabees cleaned out two water-producing springs, erected fences to prohibit wild burros from getting at the source of the springs, and installed water troughs outside the fences



PIPELINE TRENCH DUG — Using a back hoe, EO2 Art Pankey digs a trench in preparation for laying pipeline from a spring in Layton Canyon to a large trough that will collect water for consumption by wild burros in the area.

for use by the burros.

In addition, they built two concrete pads in front of water guzzlers (400 gallon capacity fibre glass containers) which previously had been set in place in Amity Canyon to collect water for smaller animals and birds that inhabit the area. Purpose of

Photos by Ltjg. Dan Hambrock

the concrete pads is to prevent damage to the guzzlers during periods of peak run-offs following heavy rains.

From the spring at Layton Canyon, the Seabees laid 230 ft. of 4-in. pipe, and also installed 100 ft. of pipeline from Amity Spring. Both pipelines led to watering troughs that were made by cutting off the top halves of 1,000 gallon metal fuel tanks previously used in military aircraft.

One of the problems encountered, Ltjg. Hambrock reported, was the fact that the Seabees didn't know the exact location of the spring in Layton Canyon. However, BU2 Mike Peterson came to the rescue by developing a "water witch" from two pieces of galvanized wire and followed a technique he had seen used successfully while he was a young boy living in Texas.

The camp set up by the Seabees included

a wooden-framed building with a tent top for living quarters, a cook tent and a shower trailer. Electric power for lights and communication was provided by a portable 30 kilowatt generator.

Convoyed here from Port Hueneme by the Seabees were a variety of tactical vehicles needed to carry out their work. These included jeeps, a weapons carrier, two 5-ton dump trucks, a 5-ton cargo truck, two 5-ton semi-truck low boys, a 5-ton wrecker, a combination front-end loader and back hoe, and a 1,500 gallon water truck with 400-gallon capacity trailer.

A motion projector and movie films were also brought along for entertainment at night, and the Seabees found the desert wildlife unusually interesting to observe in their spare time.

"The jackrabbits were so tame you could almost walk up and pet them before they scampered off," Ltjg. Hambrock stated, while the coyotes were only a bit more skittish. The Seabees soon discovered that when approached, coyotes would get up and trot away about 30 ft. before sitting down and watching the workmen again.

Equally curious were the wild desert burros, who kept a constant watch on what the Seabees were doing in their water supply area.

One particular lizard became such a

familiar sight around the campsite that he was nicknamed "Fatboy" by the Seabees, who befriended him by catching insects for the reptile to eat.

Other than the problem of locating the water source at Layton Spring, the Seabees had some difficulties due to vehicle tires being punctured by sharp rocks and thorns from mesquite bushes.

Ltjg. Hambrock expressed appreciation for the help received from BUCS W. T. Cava, Self-Help Project Officer in the NWC Public Works Department, and his men, and also had special words of praise for Tony de la Cruz, a Security Department



HOT WORK — It didn't take long to work up a sweat while using a shovel to clean out a water seep that feeds Amity Spring. Shown above doing just that is SWC Bob Reagan, assistant officer-in-charge of Seabee Team 1024.

range guard, who visited them regularly. There was radio communication from the Seabees' base camp to the job sites where the Seabees worked, and also between the base camp and NWC headquarters to make sure that everything was going along all right.

In addition to Ltjg. Hambrock, O-in-C of Seabee Team 1024, others here from Port Hueneme were SWC Bob Reagan, the assistant O-in-C; EO1 Bill Cline, EO2 Art Pankey, SW1 Randy Matt, UT1 Millard Stump, HM1 John "Doc" Atwood, CM2 Don Kunz, BU2 Bob Kepner, CE2 Ernie Garcia, and EA3 Gary McCollom.

One additional member of Seabee Team 1024, CM1 Tui Sunia, was on TAD participating in all-Navy softball competition at San Diego while his co-workers were busy in the local area.



NO PLACE LIKE HOME — Members of Seabee Team 1024 from the 31st Naval Construction Regiment at Port Hueneme found the living pretty much on the primitive side while they provided a helping hand improving natural springs and water-collecting devices for wildlife use in Layton Canyon and at Amity Spring.



BURRO BARRIER — Fencing around the natural springs at Layton Canyon and Amity Springs was erected to prevent wild burros from digging down for water and clogging up the springs. SW1 Randy Matt was one of the Seabees who handled the hot job of welding sections of the structural steel fence together.