



# CROSSCURRENTS

ST. PAUL DISTRICT  
U.S. ARMY, CORPS OF ENGINEERS

Vol. 4, No. 6

FEBRUARY 1981

## Command goals give direction for CY 81

The Office of the Chief of Engineers (OCE) announced the CY 81 (calendar year 1981) program of command goals and objectives, earlier this year. Goals are broad, long-term, priority directions in which the Corps of Engineers is to move; whereas, objectives are the steps to reach the goals.

The command goals and their objectives are:

### SUPPORT TO THE TOTAL ARMY

Seek maximum readiness and effectiveness of the U.S. Army by sharpening the role and value of the entire Engineer family in its mission to support the total Army of active and reserve components--on the battlefield, in Garrison, during mobilization, and in special tasks. The family of engineers--troops, facilities engineers, MACOM engineers, Army staff members, teamed with OCE, Engineer Divisions, District and Laboratories--all working together to win the first battle, to improve the quality of soldier life, to increase preparedness to fight, and to advance technology at home and abroad. Objectives are:

- \* Assure timely execution of the Army Military Construction Program.

- \* Develop and implement positive programs to solidify the Corps family, active and retired, civilian and military.
- \* Support the Army in manning the force.

### SUPPORT TO THE NATION

Contribute to national strength and quality of life today and in the future by recognizing and being responsive to national needs in the development and management of water and related land resources. Success in this goal depends in large measure (1) on your ability to present to all elements of the public and our customers a uniform and consistent image of a team of highly competent professionals who care, and (2) on developing an accurate public understanding of what to expect of the Corps based on our legislative authority, our method of doing business, our capabilities and our limitations. Objectives are:

- \* Meet or exceed the FY 81 targets for awards to small and disadvantaged businesses.
- \* Support U.S. foreign policy objectives through positive response to international assistance requests.
- \* Complete the non-federal dam inspection program by Sept. 30, 1981.
- \* Contribute to solving the nation's energy problems in the areas of hydropower and coal transportation.

### DEVELOPMENT OF THE CORPS WORKFORCE

Recruit, train, organize and manage fairly and equally the Corps workforce to ensure optimum mission performance, equal employment opportunity (EEO) and responsiveness to future challenges within a dedicated professional team, emphasizing individual personal worth. Objectives are:

- \* Increase, over CY 80 efforts, executive and managerial training and mid-level de-

### In this issue:

- \* Saga of a Corps employee's transfer to West Germany.
- \* Results of the 1980 fishing contests.
- \* Black History Month is honored.
- \* Department of the Army hiring freeze affects the Corps.

(See page three)



## From the editor's desk

I want to clarify that in the last edition of Crosscurrents, January 1981 issue, the author of the article "Last Hired, First Fired," Dennis L. Everette, is with the Corps of Engineers in the Detroit District. Persons mentioned in the article also work with the Detroit District.

I am pleased with the many people who are contributing to Crosscurrents. It is difficult for me to report all the events and occurrences in the St. Paul District. With your help, I have managed to deliver the employee newspaper in the readership's best interests.

I look forward to serving you in my second year as editor of Crosscurrents. You can help by contributing articles and photographs. Help bring the district closer together by letting your co-workers and friends know what is happening.

The deadline for submitting all articles to the next issue of Crosscurrents is Feb. 23. (Blanche Hom)

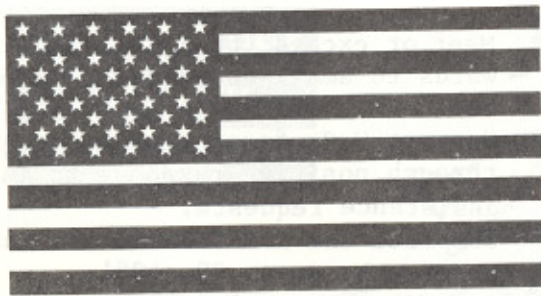
## National Patriotism Week to be held

The first National Patriotism Week will be marked this year during the week of Feb. 16-22.

Public Law 96-421, evolving from legislation pushed earlier this year by Congressman Glenn Anderson of California in the House of Representatives and Senator Barry Goldwater of Arizona in the Senate, designates the third week in February for this observance and authorizes the president to call upon the people of the United States to commemorate National Patriotism Week with appropriate celebration and observances.

Primary and secondary schools will be encouraged to adopt appropriate instruction for the week to include the study of the Pledge of Allegiance, the national anthem, national symbols, seals and mottos; and national monuments, heroes and accomplishments.

Congressman Anderson's office points out that, with the legislation now public law, young persons across the country will be afforded the opportunity to center their attentions on American patriotism, and what it means to them, during the school year with the possible result of developing renewed pride and respect for America.



# National Patriotism Week

FEB.  
16-22

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District Engineer  
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Editor

Colonel William W. Badger  
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Blanche Hom

# Command goals and objectives

(From page one)

velopmental assignments in all career fields.

- \* Achieve the CY 81 EEO affirmative action program goals for the employment and upward mobility of minorities and women.
- \* Establish and achieve specific milestones to implement the Civil Service Reform Act.
- \* Promote enrollment and provide recognition for all employees who register with professional organizations.
- \* Increase Corps-wide certification/registration of engineering technicians and engineers to 35% and 75% respectively.

## Dry winter slows flows from dams

From "The Forum," Jan. 16, 1981; Fargo-Moorhead, N.D.

The U.S. Army Corps of Engineers is trying to hold reservoir discharges to a minimum as a result of lower than normal stream flows in area rivers and lakes.

While officials say the low stream flows aren't critical yet, they worry about signs of a dry winter and spring.

"We've cut back all of our reservoir outflows to the bare minimum," said Fremont Jewell, chief of water resources control for the Corps in St. Paul.

"We are authorized to draw down to certain levels, and we've arrived at those levels prematurely this year. What we've done is to hold the reservoirs to the legal draw-down level."

The 30-day weather outlook for January calls for below-normal precipitation, Jewell added. "It's been the same story for the past several months," he said.

The Corps is also cutting back discharges from reservoirs at the headwaters of the Mississippi, he said.

The cities of Wahpeton, Breckenridge, Fargo and Grand Forks, N.D., use the Red River of the North for their water supplies. In 1976, the city of Fargo was forced to divert water from the Sheyenne River because of the low flow in the Red.

The cities of St. Paul and Minneapolis, Minn., have a drought action plan that lists steps to be taken in the event of a critical water shortage. Officials are hoping it won't be needed.

"We're just hoping for a heavy snowfall in March," Jewell said.

## MANAGEMENT OF CORPS RESOURCES

Manage and use existing and programmed resources effectively. Develop and present in an analytical way the relation between time, people and money and their impact on workload and program performance so as to strengthen the Corps' resource justification and allocation process. Objectives are:

- \* Discipline civil and military program performance by increasing, over FY 79, planning, design and contract award efforts completed on schedule and by assuring that scheduled program accomplishments are achieved within scheduled obligations and expenditures.
- \* Develop and test in FY 81 procedures to manage civil works financial resources under the full-funding concept for construction contracts.
- \* Develop and test in FY 81 procedures to allocate and manage personnel resources, by FY 82, under the full-time equivalent manpower accounting concept.
- \* Develop in CY 81 a five-year management information systems plan that defines the Corps' concept of equipment acquisition and software development.

## FULFILLMENT OF REQUIREMENTS WITH A QUALITY PRODUCT

Provide, within time and dollar constraints, facilities and services which consider our military and civil customers' requirements, use, and methods of operation; reflect our best advice and technical assistance; employ sound planning, engineering and design; result in energy efficient, environmentally sound, top construction quality projects; and which operate efficiently and economically. Objectives are:

- \* Use standardized design in at least 15% of total military program construction value, excluding medical, pollution abatement, and energy abatement projects.
- \* Reduce average construction time growth caused by design deficiencies to within 5% of the original performance period.
- \* Control average contract cost growth so that modifications are below 4% of the award CWE for military programs.
- \* Improve Corps Quality Assurance/Quality Control.

# Clams in need has biologist friends indeed

by Bruce Bigelow

From "Telegraph Herald," Jan. 7, 1981;  
Dubque, Iowa.

The future of the Upper Mississippi River is tied to the fate of the rare Higgins' eye clam, according to biologists trying to save the species.

The Higgins' eye is a brownish-colored freshwater clam about 4-by-2½ inches in size when fully grown. It is found only in waters of the Upper Mississippi River, usually in sand or mud just offshore, and is listed by the federal government as an endangered species. Lately, attention has been focused on the retiring clam because of a move by Wisconsin state biologists to set aside six areas of the river as "critical habitat" for the Higgins' eye. The proposal could sharply curtail river barging and dredging, and may block harbor development plans in Prairie du Chien, Wis.

Members of a different team of biologists plan to use the Higgins' eye as an indicator of the river's overall water quality.

The clam feeds by straining edible organic matter from water, and relatively clean water is necessary for that process.

Mike Vanderford, of the U.S. Fish and Wildlife Service, is a member of a team of biologists from Iowa, Wisconsin, Illinois and Minnesota studying ways of saving the Higgins' eye from dying out. What's more important, Vanderford says, is that as the Higgins' eye goes, so goes other species of clams and fish that live in the Mississippi.

The team will soon meet to draw up a plan for restoring the clam to populous numbers. The plan is expected to be finished by July.

Marian Havlik, a La Crosse, Wis., nurse who has become a leading authority and consultant to the team on the Higgins' eye, says the clam's numbers have been cut in half during the past 100 years.

Researching through library and museum records as far back as 1857, Havlik found that the Higgins' eye once was abundant in waters from Minneapolis to Louisiana. Now it can't be found below cities and industrialized areas where water quality is poor, Havlik says.

Havlik, who became a licensed scuba diver so she could study the Higgins' eye, says the highest remaining concentration of clams is between Lansing and Guttenberg, Iowa, where relatively little industrial development or dredging has taken place in recent years.

Clams are an important part of the river's food chain, Havlik says.

Bottom-feeding fish eat small clams, and muskrats, mink, otter and racoons feed on larger clams.

Fish also play a role in the Higgins' eye reproductive cycle by hosting larval clams, which look like tiny white worms, until the clams are big enough to fend for themselves. Where clams are abundant, biologists know certain species of fish also must be thriving.

Havlik says clams could die from a number of things, such as heavy silting, industrial and agricultural pollution, over-harvesting by clambers and turbulence caused by the propellers of commercial river tows.

## Rec site visits top 457 million

More than 457 million recreation visits were made at Corps of Engineers lakeside recreation areas in 1980, an increase of six million more than the previous year.

The 426 Corps lakes and reservoirs provide a wide variety of outdoor recreation opportunities. Nearly 80% of these areas are within a 50-mile radius of urban areas with a population of more than 50,000.

Although Corps recreation areas are water-oriented and offer excellent boating and fishing opportunities, they are attracting an increasing number of tent, trailer and motorhome campers, as well as day use visitors.

Additional facilities for the handicapped have been added recently to many Corps locations.

There were 30 million days of use in 1952 when the Corps started counting visits. In 1971, there were 310 million days of recreation use.

The top ten Corps lakes recreation day use areas in 1980 were:

- (1) Buford Dam, Lake Sidney Lanier, Ga;
- (2) Hartwell Lake, Ga./S.C.;
- (3) Denison Dam, Lake Texoma, Texas;
- (4) Allatoona Lake, Ga.;
- (5) J. Percy Priest Dam and Reservoir, Tenn.;
- (6) Table Rock Lake, Mo.;
- (7) Clark Hill Lake, Ga./S.C.;
- (8) Wolf Creek Dam, Lake Cumberland, Ky.;
- (9) Grapevine Lake, Texas;
- (10) Barkley Lock and Dam, Lake Barkley, Ky./Tenn.

## Exhibit display fares well despite problems



The Corps display at the exhibition.

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## Electronic impulse zaps life into program

A personalized little electronic impulse that symbolically speeds paychecks of participating Corps of Engineers employees to their banks now has a name, thanks to a nation-wide contest.

The lightning-fast little flash has been officially named "BYCEPS" or Bank Your Check Electronically Pay System, the winning entry submitted by J.T. Kidd of the Office of the Chief of Engineers, Washington, D.C.

The Corps-sponsored contest, administered by the Civilian Payroll Office in Omaha, drew over 5,000 entries from the Corps and federal employees it services across the country.

The winning entry, BYCEPS, managed to muscle through each of four separate screenings, and received final approval by Col. V. D. Stipo, Omaha District Engineer.

The BYCEPS acronym is especially appropriate, said members of the various selection committees, because it (1) is an easily recognizable name, (2) describes the overall program well, and (3) suggests many of the Deposit program's positive features, such as reliability, security and consistency.

For creator J.T. Kidd, BYCEPS is putting even more money in the Bank--Kidd will receive a \$500 U.S. Savings Bond for his top entry.

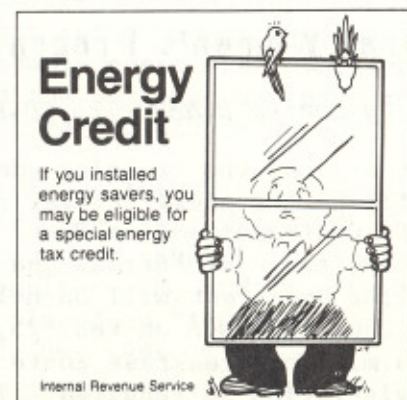
The St. Paul District participated in the annual Minnesota Sportsmen's Boat, Camping and Vacation Show held at the St. Paul Civic Center during Jan. 14-18. Despite the problems which plagued the Corps display booth, the event was rewarding as numerous visitors stopped to view the display, obtain literature and to talk with Corps staff members.

One of the major problems encountered by the Public Affairs Office in preparing the display was the overtime restriction. The overtime restriction severely limited the number of Corps personnel eligible to work at the exhibition. The problem was overcome when enough personnel agreed to staff the necessary hours.

Another major problem arose when a piece of rented audio visual equipment was stolen from the display before the exhibition opened its doors to the public. The use of video tape as part of the display had to be cancelled because of the loss.

The Corps display attracted many people; most of the interest expressed by the visitors included navigation, recreation sites and facilities, river channel maintenance operations, and other activities in which the Corps is involved with.

Thanks and appreciation is extended to the following who participated in the event: Bill Banks, AS-P; Gary Herbert, LSAF; Tim Meers, LSAF; Robert Brown L/D 2; Dave Marshall, ED-D; Bruce Heide, ED-ER; Jim Holleran, ED-ER; John Olson, CO-A; Jim Jiggetts, ED-D; Dale Lynch, ED-D; Jean Thurmer, ED-D; Gary Beck, ED-D; Yvonne Larson, ED-PB; and Steve Nelson, LSAF.





## Just between us

Congratulations go to the following new moms and dads: Christine and Jim Muegge, ED-GH, on the birth of their daughter Elaine Christine, born Jan. 8, 7 lbs., 12½ oz.; Nancy and Fred Voegle, DC-M, on the birth of their daughter Sara Marie, born Jan. 13, 7 lbs., 8 oz.

Get-well wishes go to Don Peterson, ED-D, and Tammi Haner, ED-PB, who were hospitalized recently.

Sincere appreciation is extended to all persons who gave blood donations on Tammi Haner's behalf.

Sincere sympathy is extended to Lyle Larson, ED-D, on the passing of his mother and father in December 1980.

Condolences are extended to the family of former Corps employee Frank B. Wenger, who passed away Jan. 8. Frank worked with the Corps beginning in the mid-1930s and retired from the district in the early 1960s. He worked with the Hydraulics Branch for many years.

Sadness is felt on the passing of former Deputy District Engineer Harold A. Gould, in March 1980. He was with the district in the early 1960s.

Congratulations go to Roger Just, ED-GH, who recently got a 29-hand in a cribbage game. It is the highest hand which can be obtained in the card game and happens rarely.

## Federal Women's Program news

by Denise Blackwell, CO-RF

Rebecca Beck, the training administrator at 3M, will be the guest speaker for the February YWCA Continental Breakfast. She will speak on the topic of "Stress and Performance." The breakfast will be held at the St. Paul Downtown YWCA on Feb. 25, from 7:30 to 8:30 a.m. The breakfast costs \$3 and advance registration is required. To register, call 222-3741.

## Library news

by Jean Schmidt, AS-L

The St. Paul District Technical Library, Room 1120, has new office hours from 7:45 a.m. to 4:30 p.m., Monday through Thursday. The library is closed on Fridays.

The next Library Give-away is scheduled on Feb. 19, at 1-2:30 p.m. Many older editions of annuals (e.g., almanacs, etc.) and back issues of periodicals from 1976 will be available to anyone who wants them.

The following articles appeared recently in periodicals received by the library. These articles are of general reading interest and can be obtained through the library:

"Adjudicatory Hearings as Part of the NPDES Hearing Process." Ecology Law Quarterly, Vol. 9, No. 1, 1980; pp. 1-66.

"Airborne Organic Contaminants in the Great Lakes Ecosystem." (Chlorinated pesticides and PCBs.) Environmental Science & Technology, Vol. 15, No. 1, January 1981; pp. 30-38.

"Col. Imhoff Predicts Bright Future for Dredging Industry." World Dredging and Marine Construction, December 1980; pp. 20-20.

"Energy Recovery on High Pressure Water Conduits." Public Works, January 1981; pp. 72-75.

"More Power From Small Hydroelectric Development." APW Reporter, January 1981; pp. 24-26.

"Pollution Programs Vulnerable to Cuts." (Corps of Engineers budget.) Water Information News Service, Jan. 19, 1981.

"Where Eagles Winter." (Ft. Randall Dam, S.D.) American Forests, Vol. 87, No. 1, January 1981; pp. 30-37, 55.

"U.S. Military: Arms and the Woman." GEO, February 1981; pp. 10-33.

**It Saves  
Gas  
and  
Lives...**



## Copier machines not on flexitime

by LeRoy Lorinser, AS-R

Attention to all eager beaver, flexi-time Xerox operators:

The Reprographics Branch, Room 1321A, is not on flexitime. Regular office hours from 7:45 a.m. to 4:30 p.m. are to be observed. As a result, the 8200 Xerox copier is not available for usage until 7:45 a.m., Monday through Friday.

However, both the 7000 copier in Room 1416A and the 3600 copier in Room 1115 are available for usage at 7 a.m., Monday through Friday. Please make use of these two units and do not plan your 8200 copying before 7:45 a.m.

Scheduling of work on the 8200 copier is on a first-come basis (with the exception of priority work which takes precedence). Reservations may be made by contacting reprographic staff members at 725-7639.



ATTENDING THE ANNUAL MEETING of Heritage Toastmasters club officers change-over on Jan. 15 were (from left to right) Arvid Faudskar, area governor; Fred Kelley, former club president; and Hal Masem, club mentor. (Photo by Gordon Heitzman, ED-GH)

## Fast retires after 32 years

Roger G. Fast, former special assistant to the District Engineer for several months, retired after 32 years of service with the Corps of Engineers.

A retirement luncheon was held in Roger's honor on Jan. 9 at the St. Paul Athletic Club. Roger was presented the prestigious Department of Army Meritorious Civilian Service Award.

In 1971 to late 1980, Roger was chief of the Engineering Division, the highest ranking civilian employed by the St. Paul District.

A 1948 graduate of the University of Minnesota, Roger worked with the district in hydraulics, construction management and civil defense prior to being promoted to the top civilian position. He is also a retired colonel in the U.S. Army Reserve with over 30 years of service.

Roger resides with his wife Betty in Bloomington, Minn.



Col. Badger and Roger Fast. (Photo by Lyle Nicklay, AS-P)

# Chill from the hiring freeze to be felt by all

by Richard Laddusire, EP-E

The Department of the Army recently provided clarification on some areas of the hiring freeze. The hiring limitation imposed by the President on Jan. 20, implies to all types of appointments, temporary as well as permanent, including full-time, part-time, and intermittent. The transfer of personnel from outside the Department of Defense (DOD) and the hire of consultants are included in this limitation.

Contracting with firms and institutions to circumvent the intent of this hiring limitation is prohibited.

Some exceptions to the freeze are allowed, such as:

- \* Appointments required to honor firm written commitment made on or before Nov. 5, 1980 by agency personnel officers (the status of commitments on hires has not been clarified).
- \* Reassignment and transfer of personnel within DOD.
- \* Transfer of employees from outside the DOD when a transfer of functions involving a presidential reorganization or legislative action is involved.

- \* Appointments to a limited number of non-career positions established for up to 120 days to facilitate the transition.

Additional exemptions may be granted, but approval in advance by the Secretary of Defense is required.

Hiring may be authorized if necessitated by emergency situations involving directly with the safety of human life or the protection of property.

Seasonal hiring of temporary employees may also be possible when justified by past patterns and approved in advance by the Secretary of Defense. Such hiring will not be used as a means to circumvent the freeze.

Since reassignments and transfers of employees within the DOD are permitted, currently employed displaced (and non-displaced employees overseas) registered in the DOD Priority Placement Program are included in the exemption and are to be provided existing priorities for placement in vacancies.

Many questions remain unanswered about the freeze. However, additional clarification will probably be made over the next 30 days. If new information becomes available, it will be provided to employees.



FILLED WITH ENTHUSIASM, the newly appointed 1981 officers of the Heritage Toastmasters Club are (from left to right) Justine Kelly, secretary; Jim Diedrick, administrative vice president; John Blackstone, president; Leonard Gloeb, educational vice president; Ken Harell, treasurer; and Frank Barnes, sergeant at arms. (Photo by Gordon Heitzman, ED-GH)



# Greetings from West Germany

The following letter was received from former St. Paul District employee Dean J. Peterson. Dean worked in the Planning Branch for a short period, then worked at the Duluth Treatment Works Project Office in Duluth, Minn., before leaving the country with his family in late October 1980 for a change of duty in Frankfurt, West Germany:

\* \* \* \*

We arrived in Frankfurt on Oct. 29 suffering from a severe case of jet lag due to the six-hour time difference between here and the United States' east coast. Fortunately, our sponsor met us at the airport and had reserved a room for us at the Frankfurt military hotel, which happens to be about one block from the U.S. Army Corps of Engineers European Division (EUD) office.

After recuperating for a day, we started processing the mountain of paperwork that goes along with being employed at EUD. At least 10,000 people process into the Frankfurt area every year.

We found an apartment two days after we arrived, which is highly unusual since it normally takes a couple of months for most of the civilians to locate a place that meets their requirements.

Our apartment is approximately a 10-minute walk from work and another 10 minutes in the opposite direction from downtown Frankfurt. It is a two bedroom apartment with approximately 1000 square feet and is located in a new building with an underground garage. The rent is astronomical compared to what we have grown accustomed to in the United States, costing approximately \$800 per month (but the government subsidizes \$700 per month). We probably could have found something within the subsidy, but the advantages of our location make it worth the difference.

Frankfurt is a large metropolitan area like the Twin Cities complete with the minor traffic jams during rush hour, even though it has a superb public transportation system. There are 600-year-old cathedrals alongside modern skyscrapers, creating a unique mixture of the old and the new. During World War II, approximately 75% of the buildings were damaged and a substantial amount of them were torn down and replaced. Unfortunately, most of the roads in the city are quite narrow and wind all over the place making travel by auto quite challenging.

The weather here is moderate with our winter temperatures fluctuating between 20

to 50 degrees Fahrenheit. The skies are frequently overcast, comparable to Seattle, Wash., we have been told.

The German people are formal and reserved, but the younger generation seems to be more outgoing. There is very little crime or vandalism and I haven't found any sections of the city where I would be afraid to walk alone at night. The city is neat and clean and there are well groomed parks everywhere. Like most German cities, Frankfurt doesn't suffer from urban sprawl; land is too expensive. Almost all of the people live in multi-story apartment buildings; the individual ranch-style or split-level home that we are accustomed to in the United States is rarely seen.

EUD is comparable to a stateside district, although all of our work is military construction. This year, FY 81, we will handle almost \$300 million of construction. Almost all of our designs are handled by A-E firms and our staff is a little smaller than the St. Paul District Office, which keeps us awfully busy. Most of our work is in West Germany, but I did visit some of our projects in Italy, Greece and Turkey just before Christmas. The work has been interesting, and getting used to spending my time sitting behind a desk has been a challenge!

Traveling around Europe is the primary reason that most of the staff at EUD has come over to Frankfurt. During the past couple of months, we have visited Denmark and gone skiing in Austria. We will be skiing on the Matterhorn in Switzerland in January; we are also planning a trip to Berlin in February and one to Amsterdam in March.

Coming over to Europe hasn't been all fun and games, though. It requires an adjustment, just like any other move. The large American community, approximately 25,000 people, here in Frankfurt makes the adjustment a little easier than it would be in most European cities, but they also tax the support facilities (PX, commissary, etc.) quite heavily. With all due respect to Col. Badger and the rest of the military staff, I have found the adjustment to the military way of life over here much more difficult than adjusting to the German culture. Things are very regimented and you have to get used to standing in line. You really appreciate a lot of the things that you take for granted

*(See page ten)*

# Club helps change people

by John Blackstone, ED-GH

Some things have clearly attached images. When I think about them a picture or word appears; a combination of mental vision and instant replay.

This phenomena happens to me with special days and holidays. For example, Labor Day-- I see a picture of a large muscular steel worker with sweat glistening and toiling to unload a fresh batch of iron from a huge glowing vat. George Washington's Birthday-- a cherry tree. Thanksgiving--a huge roasted turkey on a platter.

New Year's Day--a clean board to write resolutions. This is a curious illusion to me. Why would anyone pick a cold, drab, snowy day in the middle of winter to get absolutely sloshed and decide to start over. I do make New Year's resolutions; some years my resolution is to make no resolutions. How quaint! But the social pressure is on; the spirit of New Year's is to look at how I can resolve to have a better year next year. "Better" implies different and "different" requires change.

For me, change is a two-fold process. The first process is deciding what I want different and that is always easy. There are lots of things I want more of and just as many things that I want less of. I want more

## Dean in West Germany

*(From page nine)*

in the United States.

If you are interested in working for EUD, feel free to contact me or get in touch with the Personnel Office. EUD has vacancies in just about all of the branches and there is a large turnover expected this summer since a lot of the staff will be finishing up their three-year tours.

I hope that I have presented an honest, objective picture of work over here. I have enjoyed it so far and am looking forward to doing a lot of traveling this summer.

I have to admit that the German beer and schnitzel are great and my stomach is beginning to show proof of that fact. Auf Wiedersehen!

Dean J. Peterson  
U.S. Army Engineer Division  
EUDED-F  
APO, New York 09757

money and less hours of work! As I said I can quickly determine what I want.

The second process of change is the part that doesn't come easily for me--making the change. Working toward a change requires two things. First, I must determine which of all of the many things I want to change should I focus my energy; next, I must have a plan to implement what I have selected.

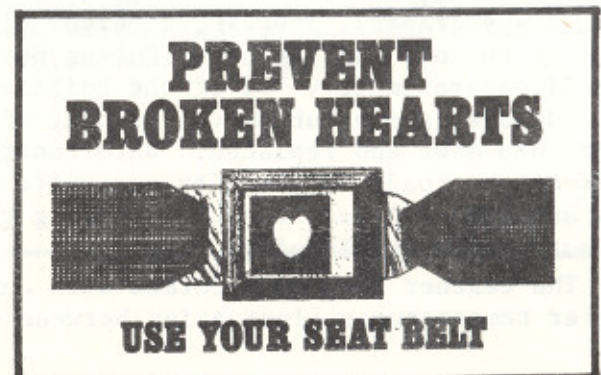
Chatting with friends after New Year's, I heard a comment from one of them. "We sat down New Year's Eve and made several resolutions, but now it is the middle of January and we have not done a thing about one of them!"

I was empathetic for I too, have experienced the desire to change but have not always been successful. I thought, "Look, it's easy to see the things that need to be different but one must be able to integrate that into everyday life."

Experience has shown me that one of the easiest ways to assimilate change and reach goals in everyday life is to join a group of people with similar goals. There are many examples of groups to choose from such as schools, religious affiliations, unions or clubs.

Not suprising, one of the organizations that is forefront to foster change and personal growth is the Heritage Toastmasters Club. It is my experience that Toastmasters is interested in who you are and who you might become. Toastmasters is also willing to give you the room and the tools to show you how to grow.

I suggest that one of the ways to experience one heck of a good time while being challenged to grow and change is to attend the Heritage Toastmasters meeting this next Thursday, at noon in the PEDC rooms on sixth floor. I guarentee you a good time and free coffee too!



## BA degrees in engineering up

From "Civil Engineering--ASCE," Vol. 51, No. 1, January 1981.

Engineering degrees awarded in 1980 at the bachelor's level have climbed 12% above the 1979 figure, but the small number of M.S. and Ph.D. degrees awarded threatens to undermine U.S. reindustrialization, reports the American Association of Engineering Societies (AAES).

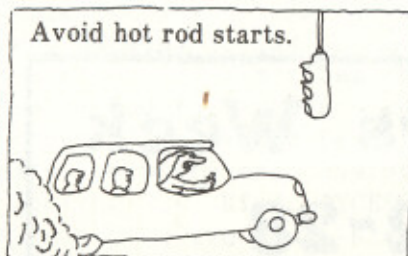
AAES, representing 40 professional engineering organizations with nearly one million members, provided the data from a yearly survey conducted by its Engineering Manpower Commission.

While the supply of bachelor-degree holders is satisfying industry demand for basic engineers, the number of candidates earning advanced degrees falls short of what the country will need to fulfill its high-technology requirements," says Dr. Bruno Weinschel, chairman of the association's Engineering Affairs Council.

"High industry salaries," he adds, "discourage engineering graduates from staying in school to earn advanced degrees."

The survey shows U.S. engineering schools awarded 58,742 B.S. degrees in 1980, versus 52,598 in 1979. This is the fifth consecutive year B.S. degrees in engineering have increased. The number of 1980 M.S. degrees awarded rose to 17,243 from 16,036, an increase of 7.5%, while Ph.D.s dropped slightly to 2,751 from 2,815.

More than 35% of 1980 Ph.D. graduates, moreover, are not available to industry and universities to begin with, because they are non-U.S. citizens, Dr. Weinschel explains, and must return home after completing their studies.



## Personnel Office news

by Valerie Miskel, EP-E

### MAXIMUM HOURS INCREASED FOR STUDENTS

Students in the president's Stay-in-School program were limited to working 16 hours per week while school was in session. The Office of Personnel Management (OPM) has issued new regulations which allow students in this program to work up to 20 hours per week. The maximum number of hours have been raised, but any individual changes must be made after discussions between the employee and the supervisor. Good scholastic achievement by the student employee is expected. Any increase in work hours and decrease in grades will cause the work schedule to be reviewed.

### FY 81 PACE TO BE GIVEN

The Professional and Administrative Career Examination (PACE) will be open to the receipt of applications on a nationwide basis from Jan. 19 through Feb. 13, 1981. Applications for this exam must be received by OPM area offices or postmarked by Feb. 13 in order to be accepted. Applications received outside of the filing period mentioned above, will be returned without action unless the applicant is entitled to specific filing privileges under civil service laws.

Applicants who apply during the filing period will be tested from March 7 through May 2, 1981. OPM regional offices will establish specific test dates at their examination sites.

Requests to be scheduled outside of the testing period will be accepted. Approximately two weeks before applicants are scheduled to appear for the exam, they will receive (1) a notice advising them when and where to report for the exam and (2) a forms package and sample questions. The application forms in the package must be completed prior to the time applicants appear for the exam.

Notices of results will be received by the PACE competitors approximately four to six weeks after they take the written test. All PACE competitors who attain eligibility will be placed on PACE registers for referral by mid-June 1981.

## Corps honors Afro-Americans

by Phil Campbell, EE

February has been designated Black History Month. The special theme of the observance is "Role Model for Youths." The Corps of Engineers recognizes and salutes all Afro-Americans, and in particular, those who work with the St. Paul District.

As though anticipating the 1981 theme, the district hired 14 Afro-American youths in 1980. Each person has become a valuable member of the Corps workforce by utilizing his/her educational background and special training.

Four of the 14 hired--Carl Adams, Joseph Tyner, David Perry, and Winnetta Westbrook--were recruited through Project Technology, a University of Minnesota program that seeks out students excelling in math and science fields. These students worked during the 1980 summer as engineering aides and they plan to return to the Corps this summer.

Seven persons--Kimberly Pack, Carrie Martin, Teresa Charles, Spencer Duncan, Michael Phillips, Maria Brown, and Keith Holmes--came to the Corps through the Stay-In-School Program. They are contributing to the district in positions such as clerk-typists, accounting aides, file clerks, reprographic aides.

Three persons came to the Corps through other special training programs. Gail McMiller, who went through a special training program with Control Data Corporation, is now a valuable computer technician with the district. Paul French came to the Corps through the Veteran's Readjustment Act Training Program. A mechanical engineering student, Jeff McKinley, came to the Corps through the Cooperative Education Program.

The district is proud of all of its Afro-American employees who are fulfilling their role as productive workers.

## Black history looks at individuals

by Larry Whitley

From "ARNewS," February 1981, Army News Service.

History doesn't make people; people make history. Though the names and achievements of famous leaders may be celebrated each year, what do we know about the individual qualities that make them famous? Do we understand the characteristics which make them stand out among the throngs in American society?

These leaders and, more importantly, their leadership qualities are what this year's Department of Defense (DOD) theme for Afro-American (Black) History Month (February 1981) is all about: "Role Model for Youths."

According to Dr. J. Ruppert Picott, executive director of the Association for the Study of Afro-American Life and History, Inc. (ASALH), "The theme was selected because we feel with the present development in America there is more emphasis on the development of individuals as opposed to the 60's and 70's where specific group interests were emphasized and addressed. The emphasis this year is on examining great individuals in Black history and their contributions to U.S. history."

Picott went on to explain that youths in society need to be aware of these great leaders of the past, focusing not so much on their achievements, but on their individual qualities.

"All of these people had some similar qualities," said the director of the ASALH which has been observing Black history month each year since 1926. "Leadership qualities, of course, would be one. Perseverance, another...how do you move ahead despite some setbacks? How do you cope with these barriers?"

**National Engineers Week**  
**February 22-28**

# Engineer museum offers historical artifacts

by Mary Vitek

*From "Engineer," Vol. 10, No. 4, Winter  
1980-81; U.S. Army Engineer Center and  
Fort Belvoir, Va.*

More than two centuries of military engineering, beginning with a legislative proclamation by the Continental Congress on June 16, 1775, are preserved and displayed within the U.S. Army Engineer Museum at Fort Belvoir, Va., home of the U.S. Army Engineer Center and School. The museum's historical collections and artifacts reflect the Army engineer story and depict our nation's progress in times of peace and war.

Perhaps the most priceless artifact on display in the museum is an original map rendering in detail the siege of Yorktown, Va., during the Revolutionary War. British forces at Yorktown surrendered to the American and French troops on Oct. 19, 1781, ending the war and assuring our country's independence.

Although the Continental Army Corps of Engineers disbanded after the Revolutionary War, engineers were still needed to construct fortifications. Therefore, between 1807 and 1812, military engineers designed and built 24 forts and 32 coastal batteries.

Several years later, in 1839, a turreted castle was officially approved as the symbol and insignia of the Corps of Engineers. The original insignia was initially worn on the uniform belt, but later on the cap and epaulette. It has remained the symbol of the Corps to this day.

Museum photographs and diagrams illustrate various construction projects completed by the Corps during the 19th century. Among them is the Washington Monument, completed in 1885. The Library of Congress was constructed in 1896 and the State, War, Navy Building in 1888.

Among other remarkable Corps of Engineers achievements recorded by the Engineer Museum is the salvage of the Battleship "Maine." The Maine sank in Havana Harbor in 1898, following a mysterious explosion. Fourteen years later (1912), the Corps raised her, towed her out to sea, and gave her a fitting burial.

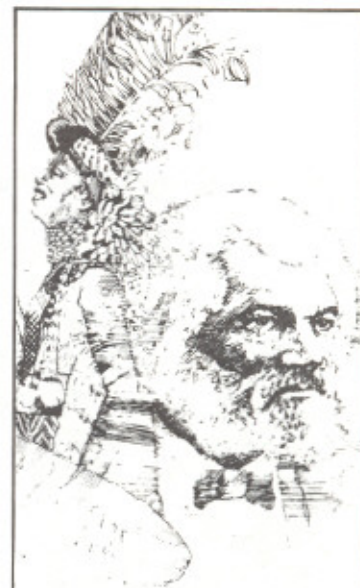
The oldest artifact on display is a Greek ring dated at approximately 350 B.C. The face of the gold ring bears a resemblance to Alexander the Great.

More than 400 Army engineer insignia are displayed. The collection includes: the 405th Engineer Battalion's insignia, upon which is inscribed "The camels are coming;"

the 391st Engineer Battalion's insignia with the inscription "Y'all come;" and the 203rd Engineer Battalion's insignia, inscribed with "Don't kick our dog."

Other Army engineer memorabilia includes uniforms, posters, personal items, portraits, firearms, and furniture.

Today, the Corps of Engineers is the world's largest engineering organization. It serves the Army and our country in the tradition which began more than 205 years ago. The Engineer Museum conveys the proud tradition of the Corps in a colorful and interesting format.



**Black  
History  
Month  
February**

# 1980 fishing contest branch results

by Wilbur Walleye

## PLANNING BRANCH

Dave Haumersen won the 1980 Planning Branch Fishing Contest with second and third place going to Wayne Koerner and Herb Nelson, respectively.

Of the 14 species receiving entries, Dave had five first-place entries, seven second-place entries and two third-place entries.

Section honors went to the Advance Planning Section with 403 total points followed closely by the General Investigation Section with 44 total points.

1980 was the first year of the Planning Branch Contest which turned out to be very successful. There were 76 entries made by 11 fishermen. The 1981 contest is presently underway and has attracted several entries.

## ENVIRONMENTAL BRANCH

Robbin Blackman is the winner of the 1980 Environmental Resources Branch Fishing Contest. Robbin is the first repeat winner in the five-year history of the contest. Robbin won the contest by catching a large variety of fish of respectable size.

Gary Palesh and Ed McNally finished second and third place respectively in the contest.

The 1980 contest was a success in terms of fisherman participation and fish entered. Eleven fishermen entered 85 fish, covering 17 different species.

Fish entered that are worthy of note included a 14-inch brook trout (Jerry Smith), a 12½-inch yellow perch (Robbin Blackman), a 25½-inch steelhead (Dan Wilcox), a 24½-inch steelhead (Jerry Smith), and a 27-inch walleye (Gary Palesh).



AFTER A LONG YEAR OF TACKLING FISH, several participants in the Planning Branch 1980 Fishing Contest were finally rewarded for their efforts. Dave Haumersen (center) won the first place trophy, Wayne Koerner (right) placed second, and Herb Nelson (left) took third place.



WITH GOOD LUCK AND SKILL AT LURING FISH, Robbin Blackman (center) won the first place trophy in the 1980 Environmental Branch Fishing Contest; Gary Palesh (right) placed second and Ed McNally (left) took third.

## 1981 fishing contest is underway

by Wilbur Walleye

The 1980 St. Paul District Fishing Contest ended officially on Jan. 15, 1981. Members of the fishing committee have tabulated the results and plan for an awards announcement in the next issue of Crosscurrents.

The 1981 St. Paul District Fishing Contest started on Jan. 1, 1981. The 1980 rules are being used on an interim basis until the 1981 fishing committee meets to consider possible rule changes. Be sure to enter your fish as soon as you can after you catch it, but in no case exceeding one month later.

The 1981 fishing committee will be selected and holding its first meetings in February and March to discuss possible rule changes and format for the 1981 contest. Be sure to contact any of the 1980 committee members if you have ideas or concerns about the district fishing contest.

The 1980 committee members are: Ed McNally, 725-7574; Tom Heyerman, 725-7625; Stan Kumpula, 725-7587; Dave Ballman, 725-7772; Tom Oksness, 725-7563; and Bill Spychalla, 725-5980.

## BWCA permit program begins

Superior National Forest officials announced that reservations for entering the Boundary Waters Canoe Area (BWCA) Wilderness this summer can now be made. All permits are available on a first-come, first-served basis as they were last year.

Historically, the daily entry quotas have not accommodated all users wishing to enter the BWCA on the opening weekend of fishing season and Memorial Day weekend, so groups considering a trip on these two weekends are urged to make early reservations.

Applications for BWCA reservations should be sent to ranger stations administering the entry point. Generally, this is the nearest ranger station. Mail reservations are accepted until 14 days prior to the starting day of the BWCA trip. Telephone requests are accepted as late as the day of the trip. A free brochure explaining the program is available from Forest Supervisor, P.O. Box 338, Duluth, MN 55801 or any of the Forest offices listed below.

The name of the party leader and one group member, the starting date, entry point, and mode of travel must be stated on the application. Alternate entry points and starting dates may be listed in the event those desired are filled. Group size is limited to 10 persons or less and each group must have a separate permit. BWCA travelers are reminded that travel permits are not required during the winter, but voluntary registration is recommended for safety reasons.

Reservations can be made to: La Croix Ranger Station, Box 1085, Cook, MN 55723, phone (218) 6665251; Voyageur Visitor Center, Box 149, Ely, MN 55731, phone (218) 365-6126; Isabella Ranger Station, Box 207, Isabella, MN 55607, phone (218) 323-4255; Tofte Ranger Station, Tofte, MN 55615, phone (218) 663-7280; Gunflint Ranger Station, Grand Marais, MN 55604, phone (218) 387-2451.



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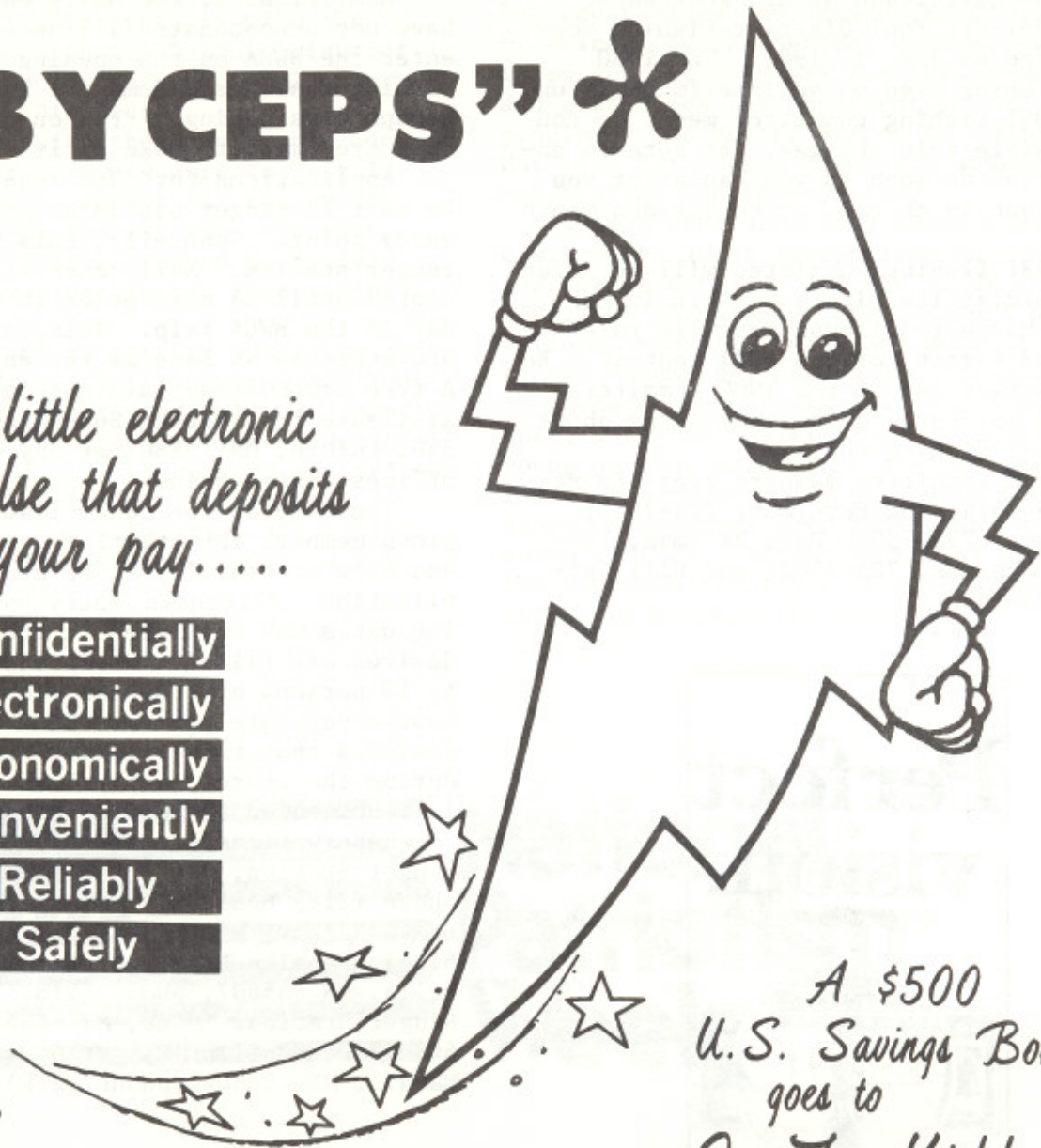
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