

CONTOUR

Volume 12, Number 1

Defense Mapping School

January/February 1985



The Defense Mapping School (DMS), a component of the Defense Mapping Agency (DMA), is responsible for instruction in military Mapping, Charting, and Geodesy (MC&G) and related subjects. It provides direct support to the Army, Navy, Air Force, and Marine Corps by providing instruction in the functional areas of MC&G. DMS provides instruction in various forms of surveying, drafting, cartography, terrain analysis, graphic arts, map distri-

bution, optical and mechanical equipment repair, and MC&G management.

Through our continual review of DMS courses, annual coordination of service requirements, and information from the DMS evaluation/feedback program, DMS strives to meet the ever changing needs for practical training in those disciplines related to the mapping, charting, and geodesy mission of DoD.

William T. Stockhausen

WILLIAM T. STOCKHAUSEN
COL, USA
Director

Course Development is Beneficial to DMS

For over two years, writers and instructors have been actively engrossed in performing task analysis of over 260 tasks in the DMS curricula, followed by redesign of examinations and lesson plans. Work on task analysis has been virtually completed now, with only 5 TADBs left to do on 10 January. Work has now transitioned to examinations in GAD and DCAG. The effort has been a significant effort for the instructors and writers, who have had to learn the technique of task analysis and perform the procedures in addition to their normal duties. We have worked hard and can be proud of the results.

I am sure that many of us, however, have asked ourselves "Why are we doing this?" Why should DMS, which has had a fine record over the years, turning out thousands of graduates who have

gone on to perform very well, undertake an almost total remake of all of its hands-on training lessons?"

The answer is somewhat complex. In the past, lesson plans were developed by instructors, who then wrote examination packets to

match. Most of these were of high quality, and resulted in excellent classes and training. But several problems were found, some through application of the TDE "Observation/Evaluation" (O/E) program

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Class Notes
Class Notes
Class Notes
Class Notes

Annual DMS Picnic News!

Fund raising activities in support of the "Annual DMS Picnic" are already underway. Sponsored by the Topographic Sciences Division, bake sales and T-shirt, hat, and sweatshirt sales are being conducted. Look for more information concerning the plans in next month's issue of the Contour.

Contact CW2 Dannelly or MAJ Hovanec, 664-3972, for information about fund-raising activities and sales of baked goods, T-shirts, hats, etc. Your support can make this the **Biggest and Best Picnic in DMS History.**

Contour Deadline

The deadline for submission of articles, features, newsy items, etc for the next issue of the Contour is March 8, 1985.

Safety Sayings

We have been fairly lucky so far this Winter, but you just wait. The usual cold and wet season is upon us; even as I write the threat of snow is eminent.

We must all be aware of the Prevention and Control of Upper Respiratory Infection (URI). During this season almost half of the Dispensary or sick call visits are URI visits. This is particularly true of our students. URIs are transmitted thru sneezing, coughing and talking to infected persons. The organisms are invisible drople nuclei that remain suspended in the air for hours hence people breathe on other people. If a person has a fever, or chill, with a fever of 100% or higher, a headache ensues, a dry cough, sore throat, burning eyes, nasal obstruction and snotty nose, you a URI.

Now, here's what to do! Good hygiene and personal cleanliness, good physical conditioning, adequate rest (not sleeping during class), good nutrition, get early treatment, and wearing proper clothing are some things that individuals can do to control URI. Adequate ventilation, the right temperature, and dust control in the class rooms are things that can be done to help the situation. If you are a victim of a cold, take all measures

you can to prevent spreading the URI.

Let us all keep our sox dry and take a little extra effort to keep the cold bugs away from us and not infect other people. In the next issue maybe we can look forward to the coming of Spring (does that mean hay fever cannot be far away?).

Art Fleshman

February

is

Black

History

Month



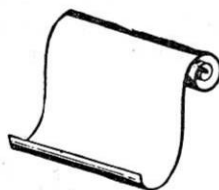
Dr. Martin Luther King, Jr.

National Hispanic Week

National Hispanic Heritage Week will be observed by Federal Agencies the week of September 15-21, 1985.

The first planning committee meeting was held Friday, January 18th. If you are interested in obtaining information about the planning committee meeting you may call 634-4699.

Roll Call



Arrivals:

- Sgt James E. Lobdell - SD
- Mr. Francis Bruley - AMS
- Ms. Doris Garnett - PBO
- Ms. Tina Tripp - AMS

Departures:

- MSgt John K. Sarles (USAF) - GAD
- LTC Robert A. Zebell (USA) - GAD
- SFC Robert E Adkins (USA) - GAD
- MSG Ricardo Cruz (USA) - GAD
- CW2 Raymond S. Seeley (USA) - TSD



The Contour is an authorized newspaper, published monthly by and for the Defense Mapping School, Defense Mapping Agency. Views and opinions expressed in this publication are not necessarily those of the DoD.

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- COL William Stockhausen
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*Scenes from the DMS
Christmas Dinner Dance
at Lorton, Virginia*



Development from page 1

and some through student feedback in opinion surveys and Academic Review Board proceedings. One problem was that some lessons centered around skills and knowledges no longer desired or needed by the services. Another was that, through gradual evolution lesson plans by a succession of instructors, lesson plans and examinations no longer matched. A third problem was that, due to this evolution of lesson plans and consequently course content, it was not possible to go back into the records and find out exactly what a given graduate was taught.

To correct the above three problems, and to place DMS Courses on a firm educational basis, Colonel Stockhausen, Director of DMS, decided to enact the Instructional Systems Development (ISD) methodology for all DMS hands-on training, and initiated a complete task analysis for all such lessons in the fall of 1983. Traditionally, this task analysis is done by trained educators who observe the task in action and develop the task analysis data base (TADB) by working with subject matter experts. This was not possible at DMS, as we had only two educators when the project started. So we began to train instructors and writers to do the task analysis. And they responded extremely well, producing over 300 TADBs in about two years (some superceded by course changes and had to be discarded). In the process, not only were our lessons placed on exact documented procedural basis, but our faculty learned how to conduct a vital procedure.

Once the TADB was completed and approved by a TDE educator, who checked it mainly for structure, continuity, evenness of detail and format, the document represented the DMS-approved procedure and used as the basis for development of the examination packet. The examination essentially is designed to ensure that the student could effectively perform the approved procedure to the standards set. Only after the TADB and examination

were approved would the lesson plan be written. This order would ensure that the lesson plan and examination would be in step and both be based on the approved procedure. Since the TADB will be retained on file at TDE, and all changes documented formally, it will always be possible to find out exactly what a student was taught at DMS by looking up the content of the TADB in effect for his given course and class. And since the TADBs were all based on the official DMS task lists in turn derived from Service task lists, there is no longer a problem of teaching lessons out of step with Service needs; should a Service change a task requirement, we would conduct another task analysis and start the development process over for that task only.

Although the task analysis and course redesign effort has been a huge one, one which has demanded hard work and dedication from much of the faculty of DMS, the benefits will be significant. Subsequent changes to courses should be held to a minimum, and for many changes in tasks, minor alteration of the TADB, examination, and lesson plan should suffice. Since all of these documents are on the word processor files, changes can be made relatively easily. No longer will annual reviews of course content documents produce major revisions in courses. Most important, the DMS student will receive the best possible training in his field and become better performers.

By LTC Frederic C. Gray

Productivity is the Cornerstone of Excellence

Productivity awareness and improvement have become a great challenge and a matter of deep concern for the United States. If this nation is to compete effectively in a global economy, it is essential that its productivity equal or exceed the increases in cost of labor or other resources. This challenge to achieve excellence extends to both the public and private sectors.

The Defense Department is tasked with attaining the highest level of productivity from the resources provided by Congress. Productivity gains do not, however, just happen; they must be aggressively pursued. They come through proactive efforts, dedicated people, and the full realization of improvement opportunities. Sound productivity goals and objectives complement and contribute to quality and readiness objectives. Failure to improve productivity wastes people, money, and materials, which are costs the Department can ill afford in sustaining a strong defense.

I am personally committed to achieving the highest level of productivity across all Defense operations. I encourage every individual in the Defense community, both military and civilian, to look for opportunities to improve the processes, products, and effectiveness of his or her organization. By being innovative and creative, and by aggressively pursuing goals of excellence and productivity, we can make significant gains in Defense readiness. Equally important, these efforts will ensure full value from the funds entrusted to us by the American taxpayer.

CASPAR W. WEINBERGER
Secretary of Defense

Lets Say Auld Lange Syne to "1984"



Once again Old Father Time has escorted this old world into another year -- another era of time. The year 1984's tour of duty is over and it is time to put the year 1985 in command of our destiny. However, in our haste to be on with the new year, let us take a moment to review some memories of 1984 before they are filed away in the annals of time. . . .

DCAG'S Review of Highlights of 1984

By CPT Maurice Saxton

The year 1984 has been an interesting and memorable one for the Department of Cartography and Applied Graphics, one that those of us who have made it through, are not likely to forget.

The year started with a real bang with the Mobil Training Team (MTT) being sent to Indonesia. The MTT, consisting of MAJ Nation, CW3 Madera, CW2 Dixon, SFC Small, and Mr. Murray, insisted that it was the "crash diet" assignment. Everyone who went lost some weight, some as much as twenty pounds. SFC Dixon, however, put it right back on by having a cast put on her leg. Something on the cart path or road caused her to slip while jogging.

Gene Murray became known as the . . . well a, let's just say, he displayed a lack of intestinal fortitude when he refused to cross a river on a leaky bamboo "tub" during a thunder storm to look at some bats with three-foot wing spans. Gene said, "I saw the Wizard of Oz and I know what animals with big wing spans can do!"

CW3 Madera's return flight from Indonesia got all fouled up. Instead of going to warm Hong Kong, he ended up in a somewhat

colder Toyko, which would not have been too bad if he'd had more than a short sleeve shirt to protect him from the 30 degree cold weather. He made it to the warmth and safety of his hotel room only to be bounced out of bed in the middle of the night by an earthquake. For a moment, Madera said, he thought he was "all he was ever going to be."

In all seriousness, despite their little mishaps, the MTT did an outstanding job of training the Indonesians. Their efforts were greatly appreciated by everyone involved in the program.

One of the things LTC Broome did before leaving for the University of Richmond was to welcome CPT Hess to DCAG by making him Chairman of the DMS Picnic. CPT Hess, an S4 type, was very adept at wheeling and dealing, and a natural leader for this committee of hustlers (they could do a used car salesman proud). They started selling or raffling everything they could think of to raise money - cakes, pies, car tune-ups, even tickets to the Kemper Open (John Bassett has friends in high places). Nothing was overlooked. However, the ultimate fund raiser became the DMS T-Shirt. Thanks to the efforts of the committee,

the DMS logo is now proudly displayed by hundreds of former students (not to mention faculty, wives, and children) throughout the world. The picnic itself was a smashing success. Plenty of activities for the children, well organized sporting events (the officers/civilians won the softball game - who was that great first baseman?) and of course great food and drink made the picnic one of the best ever, and the cost was quite reasonable. My admission only cost \$1.00. . . and \$42.00 worth of T-shirts and raffle tickets.

The MTT trip to Indonesia and the DMS picnic were DCAG's two media events, but a look at the year past really warrants a look at the people who made up the Department of Cartography and Applied Graphics, their comings and goings, personal accomplishments and family events.

For the two years I have been assigned here, at nearly every monthly ceremony, someone from DCAG was given a check for scholastic achievements. In the past year their efforts have paid

See Auld Lange Syne, page 6

off in another manner ---degrees for:

Mr. Fred Sisk	Master's
SSG Noderer	Associate's
SSG Bingaman	Associate's
SSG Flinn	Associate's
SSG Miller	Associate's

DCAG has also seen a number of their people recognized for their outstanding performance by being appointed or promoted to a higher rank. The list includes:

SFC Geyer	Appointed CW2
SFC Dixon	Appointed Cw2
MSGt Cavender, MSG Domingue, MSG Barnes, and SFC White	

Mr. Steve Falkentha^l was elected as one of DMA's Outstanding Personnel. Steve's excellent work in running and coordinating the Instructors Training Course is acknowledged through out the various components of DMA. The training he and his fellow team members provide plays a vital role in the training programs throughout DMA.

Many of DCAG's military personnel also received awards for their performance. Some were recognized for their achievements here at DMS and others for their outstanding performance in their previous assignments. The common thread is that they have continued to perform at their high standards of excellence. Members of DCAG who received awards this year were:

MSG Barnes - Meritorious Service Award; MSG Rudy - Joint Service Achievement Medal; SSG Flinn - Joint Service Achievement Medal; CPT Hess - Army Commendation Medal; SSG Riley - Army Commendation Medal, 3rd Award; SFC Huisenga - Army Commendation Medal, 3rd Award; and SGT Rivas - Good Conduct Medal, 2d Award.

One of the joys of working in a Defense Organization is that you get to meet new people as they report for their assignments. I



SFC Victor N. Antezena (DCAG) and his wife are congratulated by Colonel William Stockhausen on his promotion to Master Sergeant.

guess you could say we have had much to be joyous about on the third floor of Wheeler Hall. We had twelve new arrivals, eight in the Cartographic Compilation Division alone. We are glad to have them and the experience they bring with them. They have moved right in and are doing outstanding work. Welcome aboard:

LTC Kuhblank - Belgium; CPT Hess - Germany; MSG Barnes - Germany; SFC Gunn - Germany; SFC Huisenga - Ft. Hood, Tex.; SFC White - Ft. Bragg, N.C.; SSG Barker - Germany; SSGT Castle - USMC Recruiting; SGT Rivas - Quantico, Virginia; SP5 Timmons - Hawaii; Mr. Wayne Batts - Civilian work in D.C. (Retired USAF); Mr. Alan Williams - School-teacher in Warrenton, Va.

DCAG also had two arrivals show up after nine months of waiting. Congratulations to the parents of Jennifer Bingaman and Christopher Charles. I'm sure they have a lifetime of joyous moments coming. Also, a special congratulations to Alan and Sharon Williams on their adoption of

their 13-month old daughter, Shannon.

If welcoming the new arrivals is the joy of an assignment at DMS, the saying of farewells has to be the sad part. We lost a lot of talented instructors -we lost good friends in the past year. We appreciated the work they did, we wish them and their families the best in their new assignments or careers. I'm sure every name will strike a warm thought with each of you:

MSG Rudy - Retired; SFC Hayes - Retired; Ms Windland - Engineer School; Mr. Murray - TSD; LTC Broome - University of Richmond - ROTC; SSG Gibson - Germany; CW2 Geyer - Ft Bragg, N.C.; CW2 Dixon - TSD; WO1 Reuter -Ft. Hood, Tex.; SFC Adkins - Germany; CPT Erickson - Civilian; SFC - Small Germany.

I'm sure most of you realize I left off the "little guy." I want to say a special thanks to **Jack Barts**. Jack retired after 34 years of Civil Service. We will miss Jack, and although he was short in size,

See Auld Lange Syne page 7

Auld Lange Syne from page 6

he will always be big in our hearts. Thanks, Jack for a job well done!

The year 1984 was a busy year - MTTs, the picnic, golf tournaments, people coming and going, awards and recognitions, course redesign and of course our students. We trained over 500 trained this year.

Best wishes to everyone for 1985.

Survey Department Reviews "1984"

The Department of Survey has a few memories of the year 1984 that they too wish to share with you.

The Department's "A-Team" completed the Task Analysis Phase, began the examination writing phase and had eight new exam writers trained thru a special seminar.

The new Intermediate Geodetic Survey Course was presented for the first time.

Mr. Kruck, SFC Foss, SFC Hannon and SSgt Shaw went on a Mobile Training Team to NAVO-CEANO, Bay St. Louis, Mississippi.

Those who received promotions are as follows:

SSgt Barrentine to MSgt
MSG Bernard to SGM
1Lt Miano to Capt
SFC Smithson to CW2
SP 4 VanScoy to SP5

They greeted the following newcomers:

SSG Campbell
Capt Miano
GySgt Moll
SSG Wallenius

And they bid a fond farewell to the following friends:

MSG Bernard to HTC
MSG Lyman to Germany
Ms. Lynch-Krashevski to DOTD
SP5 Mann to R&D Center
MSgt Sarles to GSS, Cheyenne, Wyo.



Remember the "fund raising activities" for the 1984 DMS Annual Picnic -- In this scene Colonel Stockhausen joins the merriment as John Basset (DCAG) draws someone lucky number to win a cake.



CW3 Andrew Yacenda (GAD) receives a Certificate of Commendation for a Suggestion from Colonel Stockhausen.

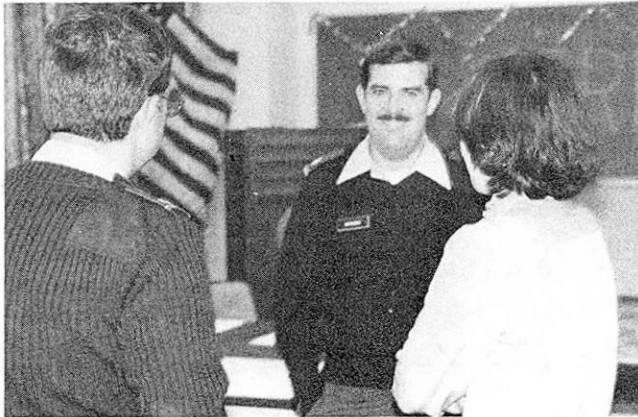
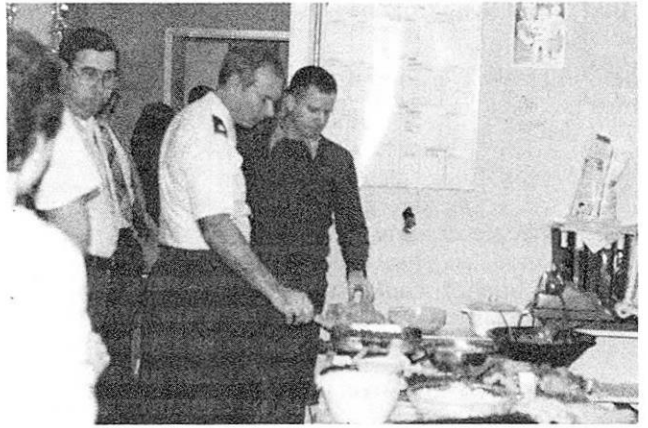
Tumult Marks the Year 1984 in TDE

The year 1984 was another tumultuous one for TDE. They started the year a few folks short. SGM Gerry Watson retired and they were short three educators. At the end of January they added John Mahan. In April they stole SGM Phillip Tarr from PBO and MAJ John Jens from TSD, but lost MAJ Bill Farr to FORSCOM. By the beginning of summer the three educators had made a large dent in the TADB review backlog, so LTC Gray celebrated by taking the summer off and going to

Europe, returning to find John Mahan leaving to return to the Engineer School.

The year peaked in September when we added two educators (Bill Lewis and Geraldine Berry), one baby (Aaron Eure) and a Computer (Oscar Otrona). With a full set of five educators, the TADB backlog was wiped out and the School virtually completed the TADB project begun two years ago, turning next to examinations.

*Scenes from DMS
Christmas Parties
"1984"*



The Depressants

By CW3 Garrett R. Moore

This month the Contour continues with Part 5 of its seven-part series on drugs and prevention of drug abuse. The purpose is two-fold -- to educate readers with facts about commonly used drugs and more important what concerned individuals can do in their homes and communities to prevent drug abuse. It is based on an old truism that an ounce of prevention is worth a pound of cure. The information presented was published by the National Institute of Drug Abuse, an agency of the Department of Health and Human Services.

Depressants

Depressants are the "downers." They depress the central nervous system, make people sleepy, and are dangerous when used in large quantities. There are many drugs in this category, including sedatives (tranquilizers like Valium, Librium, Butisol and Miltown) and hypnotics (sleeping pills like Nembutal, Seconal, Amytal, and Dalmane).

Barbiturates

Barbiturates (Amytal, Butisol, Nembutol, and Seconal) are pills prescribed by doctors for a few medical conditions. But they are one of our biggest drug abuse problems. Twice as many people die from overdoses of barbiturates as from confusion, dizziness, and loss of memory. People sometimes get so confused from barbiturates that they forget how many pills they've taken. Often this confusion results in overdose.

Barbiturates are very addictive. In fact, people dependent on barbs have to be very careful coming off them. Sudden withdrawal can cause a medical emergency -- fear, restlessness, convulsions, even death. To stop taking barbiturates after using

them heavily, see a physician first.

Barbiturates and alcohol make each other more powerful when taken together. Mixing even a few sleeping pills with alcohol can easily lead to an overdose and is a frequent cause of accidental death. Never let anyone take any barbiturates, sedatives, or other downers if they've been drinking.

People can buy other kinds of depressants over-the-counter or with a doctor's prescription at their pharmacies that can be taken to help them sleep or to relieve tension.

Other Sedatives

Minor tranquilizers like (Valium and Librium are the most prescribed drugs in the world -- especially for adult women and older men who complain of anxiety or depression. They are not as dangerous as barbiturates, but all the general cautions about downers still hold. Traquilizing drugs can create the feeling of needing the drug. Many patients take them too casually, too often, and too much. Young people show little caution when they take tranquilizers to get high. If you have a

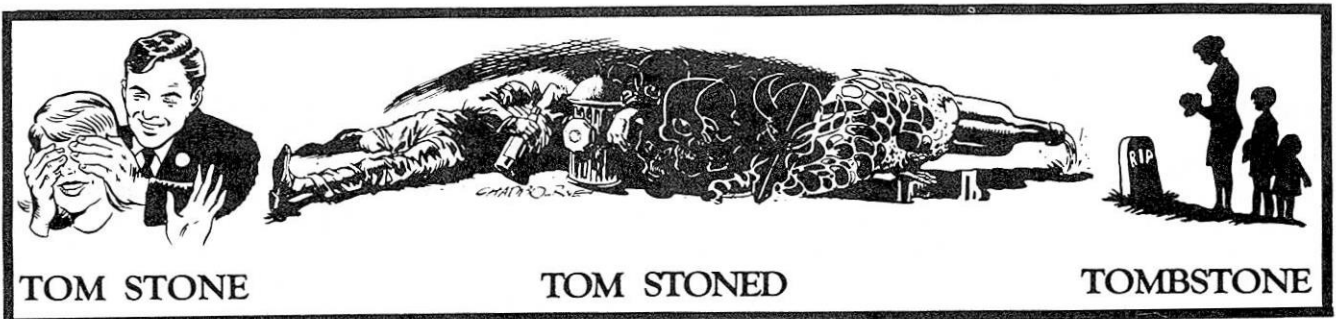
doctor's prescription for such drugs, use them carefully and only as prescribed. Be sure your children understand that these pills are medicines and store them out of the reach of young hands.

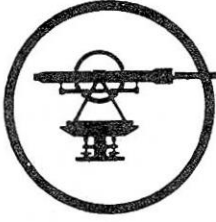
The Narcotics

Narcotics act much like barbiturates. They are derived from opium or are made synthetically and they are all very addictive. Mainly used medically as pain killers, the narcotics depress the central nervous system and eventually make people physically and mentally dependent. Codeine and Demerol are common synthetic narcotics. The "opiates," a more powerful class of narcotics derived directly from the opium poppy, include opium, morphine, and heroin. Heroin, usually injected, creates a temporary high and is always addictive if used daily. Although the medical effects may be no more severe than those of the barbiturates, the great need for heroin often leads to personal desperation and crime in order to gain money to buy this expensive, illegal drug.

**Editor's note: CW3 Moore is the DMS Alcohol and Drug Abuse Officer. If you have an Alcohol or drug related problem, or simply need information on prevention, counseling or assistance, please call him at x41087, or visit him in room 103, Wheeler Hall.*

Next issue: Part 6, "The Mind Changers."





Focus on Survey

Early Surveyors Were Rugged

Excellent as they are, even the exhibits at the Smithsonian National Museum of American History can tell only a part of the fascinating role of the surveyor in American History. But the country's development is inextricably bound together with the assignment and clearing of its land and with the art of surveyors who measured and set its boundaries. English adventurers and pilgrims who were lured to the New World by the promise of land and riches, or freedom from oppression, little imagined the wilderness that would confront them on arrival. It was the task of surveyors to establish boundaries for the would-be landowners, a task for which they were ill-equipped.

The Geodaesia

A major difficulty was the lack of skill and experience with such conditions, for the texts of surveying were generally concerned with practices to be followed in England. It was not until 1688 that a text written specifically for America was published. This was *Geodaesia*, or the Art of Surveying and Measuring of Land Made Easie, by John Love. Earlier in his life the author had worked as a surveyor in North Carolina and Jamaica, and was familiar with the problems of the Colonies. His small volume described the advantages and disadvantages of the instruments available, and pointed out that only the needle of the circumferenter could be used. As a consequence, the instrument was useless in the regions where iron ore deposits existed. He noted that in the New World the preferable instrument was the plain compass and provided specific instructions for the laying out of large and small

tracts. Love's text was widely used by Colonial American surveyors and had considerable impact on the art.

The Pioneer Surveyor

Historical accounts have given little attention to the character of the pioneering surveyors and conditions under which they were forced to work. The Colonial surveyor had to have an iron constitution, boundless energy, and an abundance of health. Generally he was a man of rough and ready ways, who was capable of living without the company of other people for months at a time. He responded to the challenge of the wilds and was intrigued by the mystery of unknown lands that stretched endlessly in all directions. Accounts of hardships and hazards are buried in field books of early surveyors and in letters to their loved ones. Often when their provisions had run out or were lost in the course of their difficult travel, they were forced to subsist on the raw flesh game or even resort to sacrificing their own mules for food. Working in virgin forest, they constantly faced threats from wildlife and generally slept in hollow trees to protect themselves.

The First Professional Survey

The first truly professional survey in the American Colonies was undertaken by Charles Mason and Jeremiah Dixon for the proprietors of Pennsylvania in 1763. Trained in England, they brought with them new sophisticated instruments and confirmed their field work with astronomical observations. Thereafter the major state and continental boundaries were executed with astronomical observations to establish latitudes

and longitudes. Few in the Colonies were competent to undertake these projects. Notable among them was David Rittenhouse of Philadelphia, a self-taught astronomer and maker of clocks and surveying instruments. Rittenhouse had undertaken the survey of the Pennsylvania-Maryland line on behalf of the Pennsylvania proprietors prior to the advent of Mason and Dixon. He had also helped survey the boundary between New York and Pennsylvania in 1786. On the latter project he worked with Major Andrew Ellicott, who was later responsible for establishing most of the state and national boundaries of his time.

A Skilled Surveyor

Ellicott was one of the few men in the young republic who had been professionally trained in the sciences and earned his income in the pursuit of them. In 1784, he retraced the line between Pennsylvania and Virginia, and in the following year was one of those appointed to establish Pennsylvania's western boundary. In 1791, President Washington selected him to run the line of the western boundary of New York State to determine whether the town of Erie fell within the confines of Pennsylvania or New York. By this time Ellicott was recognized as perhaps the most competent and skilled surveyor of the time and one of the very few men experienced in the use of sophisticated astronomical instruments for determining longitude and latitude. In 1790, Washington appointed him to survey the ten mile square of the Federal Territory selected for the establishment of a new national capital, which was to become Washington, D.C.

DMS Supports the African Relief Campaign

The Century's worst famine is threatening the lives of 185 million people in Africa. The people of Sengal are losing their livestock because the flood rains have not come in almost four years. The land in Mauritania is turning to desert and the advancing Sahara is killing off cattle and goat herds. Northern Ethiopia's harvest has been destroyed by insect infestation and central and eastern Ethiopia's harvest fell short of what was needed.

Because of the geographical distance between Africa and the United States, it is hard for us to relate to their scarcity of food. Most of us have never really known the real meaning of starvation. But whether or not we understand, the stark reality is that over one-half million Africans have died from starvation during 1984 and it is very likely a half million more will do the same in 1985.

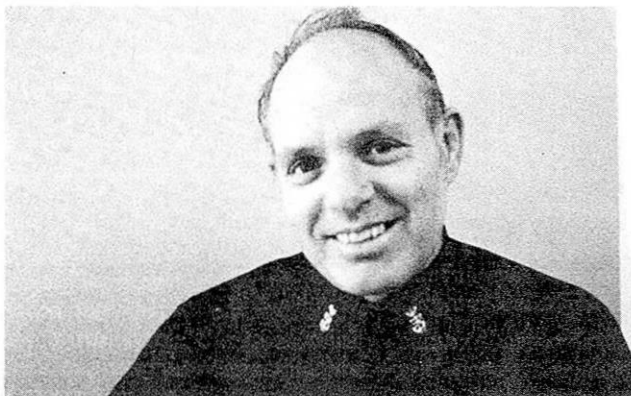
The American Red Cross launched an African Famine Relief Campaign as a direct result of recommendations of a team of volunteers who went to Africa to witness the suffering. In conjunction the Defense Department began a month-long fund collecting campaign 24 Jan. to support this cause.

The money will be used for food, medicine, support of a medical staff and other relief personnel, and long-range food production programs. The primary recipients of this aid are children, pregnant women, nursing mothers, and the elderly.

For more information or donations, contact MAJ Kurt Hovanec, TSD (664-3972), the DMS point-of-contact for the American Red Cross African Relief Campaign.



Before: -- This reserved and dignified Navy Chief is LICM William E. Portt, Chief Instructor, Department of Graphic Arts before the US Navy issued a directive that all Navy personnel must be clean shaven. The grapevine has it that his coworkers chipped in and bought him a safety razor for Christmas so he could comply with the new directive.



After -- You are so right. Chief Portt without his beard is different. Note that delvish gleam in his eye. Is it possible this picture reveals his true nature? Chief Portt isn't worried though - he is going to grow it back when he retires.

Don't Forget Your

VALENTINE

FEB. 14



DEFENSE MAPPING SCHOOL

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THIRD CLASS

CONTOUR

Volume 13, Number 2

Defense Mapping School

November 1985

A Message from the DMA Director



Major General Robert A. Rosenberg, Director of the Defense Mapping Agency.

This is the first of many messages from me to you. I plan to use this space in each of the Component newspapers periodically to open and keep open a direct line to keep you abreast of what's happening in DMA, from the best source you will find. I consider it's vital to a successful operation that you are each kept in the picture, so that as teammates we may ensure our best, joint efforts to meet the very important responsibilities levied upon us.

To get us all off in the same direction, I want to point up the DMA Goals identified for this new Fiscal Year. I asked each of your directors to submit areas we should consider and, from those

recommendations, the senior leadership of DMA established the goals for 1986. I insist that these be recognized as much more than a list of worthy objectives on a pretty poster. And at our recent retreat for senior leaders of this agency, I charged each manager to develop a set of personal objectives to meet these goals -- to put them into action, not just conversation. I charge you, each employee, to do the same.

What I am saying, simply, is let's work together. It's a lot more fun that way -- and we can get the job done.

Focus on People

At the senior leadership retreat, about 75 percent of our time was devoted to this prime goal of DMA in 1986. If we make sure that the highly skilled people of DMA -- in all jobs, at all levels, are given a fair shake, with an equal shot at training, and promotion, and are convinced that this Agency is doing everything possible to ensure a safe and comfortable workplace, our production goals will virtually take care of themselves. It's a two-way street we are on, and you can get your thoughts back to me through the suggestion program, or via your supervisors. We are asking for your recommendations, as well as your cooperation, and you will find out that we will listen and, when appropriate, you may be sure I will see that action is taken, right away.

Focus on Mission

Our mission at the Defense Mapping Agency is vital to operations of all elements of the

Armed Forces of the United States, to the Merchant Marine and other agencies of the Federal government. Together, we make a major contribution to the basic mission of enhancing security and deterring warfare, by providing complete, credible, effective and usable products, services and training. Our products must be available in the right place, in the right quantity and at the right time, to ensure that our war fighting forces get the effective MC&G support they need to accomplish their missions should this deterrence fail. What greater challenge could we ask. This challenge we must meet; to do less would be shameful. We simply must all work together to develop the best possible procedures, and environment, to accomplish this.

Focus on Customers

When users of a DMA product call in with a problem, or a rush request, I do not want to hear of them being told to "resubmit in proper form" or given any other such bureaucratic shuffle. Our job is to be responsive, not only to help customers learn the way to get what they need in the most efficient and timely way --but to get what they need. We need to make sure these users know what we can and cannot do -- to offer alternatives where their requests can't be met -- and make sure that we do it.

Focus on Modernization

By now, it should be clear to us all that we must keep this in a high priority status. We must

See DMA GOALS, page 2

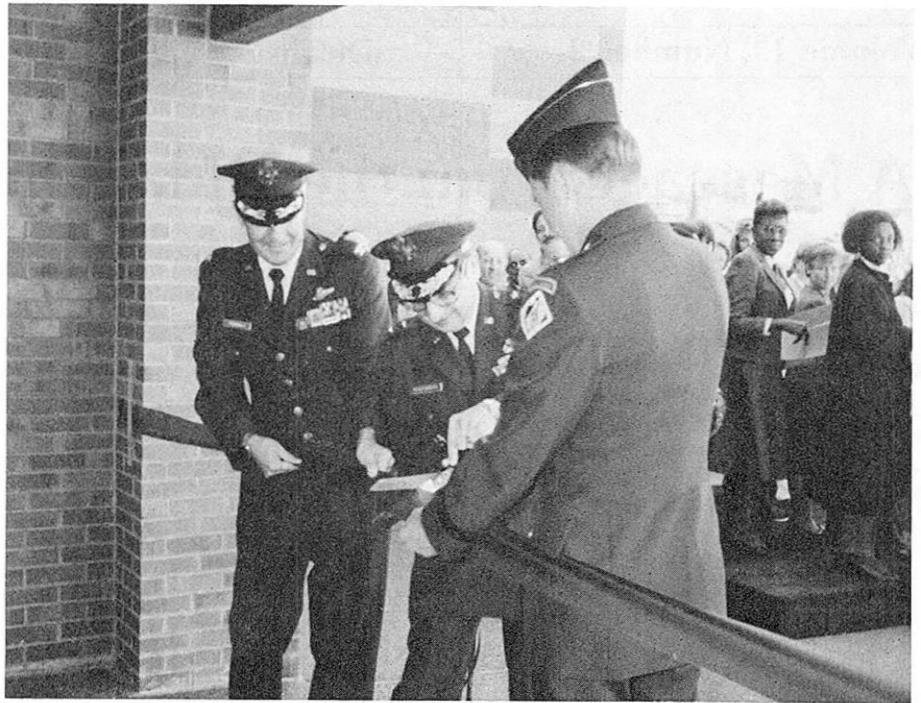
make sure the transition into the high technology of Mark 85 and Mark 90 goes as planned. This schedule must, and will be met above all. It is the only way we can do the job we are here to do in the efficient fashion required. It's going to take a lot of work for most of us, additional training for many of us, and a major commitment by us all. I call upon you to make that commitment.

Focus on Research and Development

There's no doubt that the technology being employed by this Agency, and scheduled for the Modernization Program, is leading the world -- and then some. But we have to keep ahead, and make absolutely sure that new technology applicable to DMA is identified, and incorporated into our operations.

Without doubt, the two most significant edges this Nation has over any potential adversary are our technology and our people. Here at DMA we have both: our technology is tops and our people are the best. If I can manage to get the best out of both during my tour as Director, I will consider that I have succeeded. And so will you.

General Rosenberg Performs Ribbon Cutting Ceremony



DMA Director Major General Robert A. Rosenberg, USAF, officially cuts the ribbon opening the new entrance to the Paul C. Schauer Building. Assisting the general are (right) Brigadier General Charles E. Dominy, USA, commanding general of the Missouri River Division Army Corps of Engineers and (left) Colonel Byron S. Fitzgerald, USAF, DMA Aerospace Center director.

With the snip of a scissors, DMA Director, Major General Robert A. Rosenberg, USAF, cut the ceremonial ribbon officially opening the new entrance and lobby of the Paul C. Schauer Building, DMA Aerospace Center, St. Louis, Mo. Over 2,000 employees and members of the Aerospace Charting Seniors, a retiree organization, attended the ceremony.

General Rosenberg, in his keynote remarks, spoke to the work force about their vital role in the nation's defense.

Following the 30-minute ceremony, employees, retirees and other special guests toured the new lobby and portions of the new "E" Wing addition to the building.

Construction of the addition began in May 1983. The new four-story brick structure will house state-of-the-art production equipment for digital cartographic programs. The new lobby and entrance represent a major step in the effort to modernize the Aerospace Center facilities.

The Schauer Building is named for Colonel Paul C. Schauer, commander of the Aeronautical Chart and Information Center, forerunner of the Aerospace Center, from 1949 to 1952. He later was killed in a plane crash and the building was dedicated to him in June 1954. Colonel Schauer was largely responsible for obtaining the facilities that now house the Aerospace Center.



The Contour is an authorized newspaper, published monthly by and for the Defense Mapping School, Defense Mapping Agency.

Views and opinions expressed in this publication are not necessarily those of the DoD. Address all communication to:

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COL David Maune
Editor: Irene Bellefeuille**

From the DMS Director

Colonel David F. Maune

On the previous page, General Rosenberg explained the DMA goals for FY 1986. Below you can see the ten goals developed by the DMS leadership to support the Agency goals. There are real challenges here for every member of DMS.

DMS goals 1, 2 and 3 support the first DMA goal -- Focus on People. Goal 1 recognizes the need for us all to have a safe, healthful, modern and efficient work environment. In addition to correcting our obvious air conditioning problems, what else should we be doing to improve our work environment? Goal 2 recognizes the need for improvements in personnel management of individual DMS employees as well as career management, in a collective sense, for the specialties that we manage. Many of you must certainly have ideas for achieving this goal. Goal 3 seeks to improve personal leadership and involvement of all DMS employees. We already have the best record within DMA for suggestions per capita and suggestions adopted. I believe there is further room for improvement, and you have my assurance that

your suggestions will receive fair consideration.

DMS goals 4 and 5 support the second DMA goal -- Focus on Mission. Goal 4 addresses actions in progress or planned for improved operation of our "MC&G schoolhouse." Goal 5 addresses the primary mission of the U.S. Army Engineer School's Army Topographic Element (now under the operational control of DMS) as supported by the DMS faculty. Up-to-date MC&G training literature is vital to our overall mission accomplishment.

DMS goals 6 and 7 support the third DMA goal -- Focus on Customers. Goal 6 addresses improved communications with our customers, the Army, Navy, Air Force, Marine Corps, Unified and Specified commands, etc. Goal 7 promotes improved School efficiency so that we can be more responsive to the changing needs of our customers.

DMS goals 8 and 9 support the fourth and fifth DMA goals -- Focus on Modernization and Focus on Research and Development. Goal 8 recognizes our Instructor Training Course (ITC) as important for DMA's production centers, DMAAC and DMAHTC, to be able to effectively train their employees on the new generation of equipment and procedures to be introduced in the immediate future. Goal 9 recognizes our own

need to be forward looking in the courses we teach. We cannot sit back and wait for others to tell us what to teach in our courses; with our subject matter experts we must remain abreast of new technology and introduce that technology in our curriculum.

DMS goal 10 recognizes the need for internal management controls which identify vulnerabilities to fraud, waste, abuse and other forms of mismanagement; and we must initiate action to minimize those vulnerabilities.

Now you have them -- our ten goals for FY 1986 -- listed on the next page. These are goals with meaning for all members of DMS. We all have people concerns and want to improve conditions which improve employee welfare, job satisfaction, and productivity. We all have a mission and customers to support. We all need to modernize and gain increased benefits from technology. We all need to make the best use of resources entrusted to us. When we collectively work towards these goals, we will have all contributed to our nation's defense and our important mission of deterrence.

Let's not forget the most important part of this message -- these goals depend on you for success or failure. Your ideas and support are vital. Together we shall succeed.

DMS Goals for FY 86

1 - Work Environment.

Promote safety and health as primary considerations in all aspects of DMS operations. Improve air conditioning and ventilation in DMS classrooms. Improve the quality of work life by stressing performance improvement programs, management innovations, and a more modern and efficient working environment. Identify DMS facility deficiencies and plan for corrective actions ASAP. AE

2 - Personnel/Career Management.

Identify positions where DMS personnel are overworked, underutilized, and incorrectly classified or graded and take corrective

actions. Identify and correct deficiencies in EEO and individual career development opportunities for DMS faculty and staff. Revitalize the DMS Faculty Development Program to improve the professionalism of DMS instruction. Identify deficiencies and propose corrections to strengthen the MC&G and MC&G-related officer, warrant officer, and enlisted career management fields (CMFs) per agreement with the U.S. Army Engineer School.

3 - Personal Involvement.

Improve personal leadership and involvement of DMS management

See DMS Goals, page 4



Realism...

Strength...

Commitment...

PEACE

DMS GOALS from page 3

and employees in school operations through increased classroom visitations by management personnel, identification and correction of faculty/student problems, emphasis on the DMS Suggestion Program, and public recognition of individuals and teams deserving of commendation.

4 - MC&G Training and Education

Complete scheduled development of task analysis data bases, lesson plans, training aids, examinations, and course content documents. Schedule and conduct courses so as to satisfy Military Department quantitative and qualitative requirements for specified MC&G and MC&G-related skills. Evaluate student failures, critique sheets, post-graduation questionnaires, etc. to identify and correct training/education deficiencies.

5 - MC&G Literature

Per agreement with USAES for management of resources OPCON to DMS, develop MC&G and MC&G-related field manuals (FMs), technical manuals (TMs), Soldiers Manuals (SMs), skill qualification tests (SQTs), graphic training aids, training extension courses, Army correspondence courses, individual training designs, plans and analyses of MOS 41B, 51T, 81B, 81C, 81Q, 81Z, 82B, 82D, 83E, 83F, and 83F20J6 as required to meet USAES production schedules for FY 86. Perform similar functions, including military qualification standards (MQS), for Topographic Engineer officers in specialty code (SC) 21C, and warrant officer SCs 811A, 821A, 833A and 841A. Develop topographic doctrine as required to include publication of the topographic engineering capstone manual, FM 5-105, in FY 86. Support new topographic equipment systems development and/or fielding (TSS, DTSS, QRMP) as required. Perform collective (unit) training analyses, develop unit drills, Army Training and Evaluation Programs (ARTEPs) and mission training plans

(MTPs) for topographic units per agreement with USAES.

6 - Customer Requirements

Improve dialogue with DMS customers recognizing that our mission is to support. Improve effectiveness of class quota allocations, analysis and followup so as to maximize satisfaction of customer training requirements and minimize unused classroom capacity. Resources permitting, respond positively to all reasonable requests for resident training assistance (RTA) and mobile training team (MTT) support.

7 - Efficient Operations

Develop practical and reliable data based management systems to enhance the school operations with regard to student allocations, student grades, academic records, manpower, and logistics management. Determine if prerequisites for selected DMS courses can be legitimized and enforced. Consolidate the training of 81C and 81Q MOSs in the same department. Expand the mission of the Topographic Sciences Department (TSD) to include all aspects of MC&G doctrine, equipment, organizations and related issues; overall MC&G management; and MC&G advanced technology.

8 - DMA Modernization Support

As required for implementation of DMA's Exploitation Modernization Program (EMP) and Mark 85,

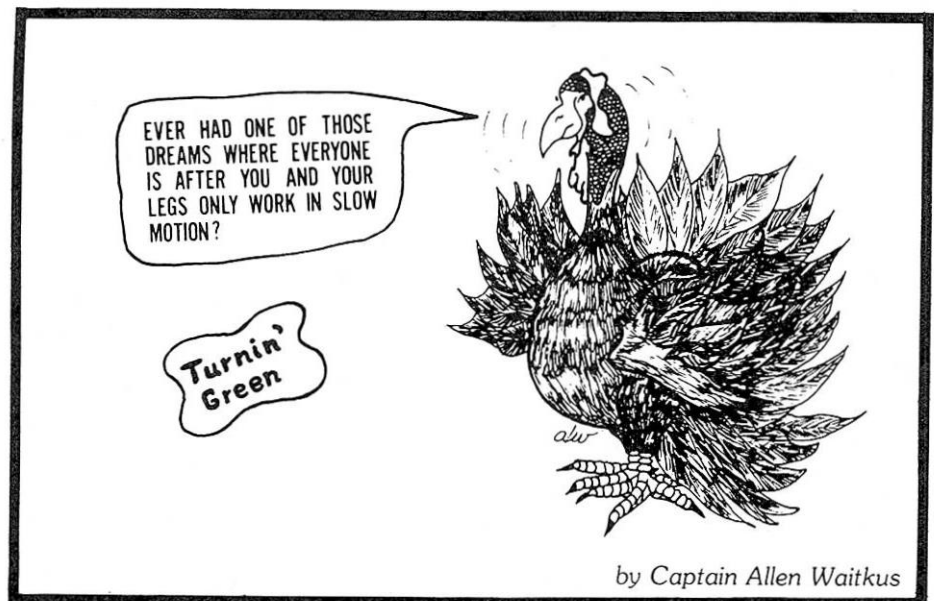
expand DMS's Instructor Training Course (ITC) to train all newly-designated instructors within the DMA Components on classroom management, techniques of instruction, use of training aids, testing procedures, and instructor presence. Improve management and execution of the ITC; acquire a permanent ITC manager and enhance the qualifications and status of ITC instructors.

9 - New Technology

Become proactive rather than reactive to the introduction of new technology. Improve DMS's ability to incorporate changing technology in forward-looking DMS courses. Encourage the Services to modernize through introduction of automation and innovation to replace traditional techniques. Develop in-house capabilities to provide educational overviews of EMP technology. Explore the requirement to develop a Microfix training course in anticipation of future Army training requirements.

10 -Internal Management Controls

Prepare organizational vulnerability assessments to identify vulnerabilities to fraud, waste, and abuse of DMS resources; initiate actions to minimize vulnerabilities within DMS's Internal Management Control (IMC) system; and emphasize IMC, fraud awareness and standards of conduct training.





by LTC Russell Reich

People are the most important asset of the Office of Training Development and Evaluation. Without their dedicated service, the major functions of my office would come to a standstill. Therefore, the topic of this article is centered around the TDE staff and the major functions of the office.

The basic function of TDE is course development and evaluation. Course development is misleading because a lot of course development is actually accomplished by the teaching departments with the TDE education specialists helping. Evaluation includes those activities, internal and external, that judge the quality of the Defense Mapping School instruction and the quality of course graduates. The TDE mission is one of support - support to the efforts of the teaching departments and support to the objectives of the School's Director.

The Office of Training Development and Evaluation breaks down into six areas: Education Advisor; Education Specialists; Visual Information Specialists; Editor-Writer; Curriculum Requirements Coordinator and Secretary. In addition, TDE is now responsible for the DMS Instructor Training Course program for DMA components.

Education Advisor

Mr. Dick Christ is the DMS Education Advisor and provides overall policy and philosophy direction to the School on education theory and teaching techniques. Contact is maintained with DoD officials and other government and civilian organizations involved in

Focus on the Office of Training Development and Evaluation



Mr. Dick Christ

education to exchange ideas and programs. The Army Research Institute is involved with the Computer Adaptive Testing System (CATS) project to determine the relationship between Armed Services Vocational Battery (ASVB) scores and student performance in particular MOSS. We hope to be able to validate scores for DMS course requirements as a result of this effort. Teaching departments have been keeping records and providing TDE reports on examination results and remedial and supplementary training as part of the background data for this project and Mr. Christ is their main contact.

Largely through the efforts of Mr. Christ, the Defense Mapping School is accredited through the Southern Association of Colleges and Schools. In addition, his efforts with the American Council on Education led to college credit being granted to students for certain DMS courses, as well as inclusion of some of the Schools' courses in Apprenticeship program agreements.

Some of the current long range projects that Mr. Christ is working on include: an automated system for grading and keeping historical records on examinations; an automated system for keeping track of and providing analysis of miscellaneous evaluation data

(questionnaires, surveys, etc.) and a program to evaluate the reading grade level of DMS instructional literature.

Education Specialists

Each of the four education specialists assigned to TDE has a primary responsibility to one academic department. Ms. Beverly Buford is associated with the Department of Graphic Arts; Mr.



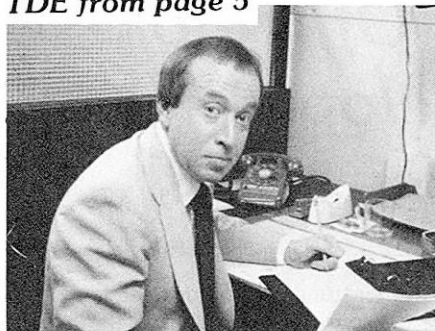
Ms. Beverly Buford

Bill Lewis with the Department of Survey; Mr. Lou Bloom with the Department of Cartography and Applied Graphics; and Dr. Geraldine Berry with the Department of Topographic Sciences. The education specialists work with their respective departments throughout the course development phase approving Task Analysis Data Bases and examinations. TDE



Mr. Bill Lewis

See TDE, page 6



Mr. Lou Bloom

approval for these items is mainly for structure, continuity, evenness of detail and format. The work of the education specialists is continual since, from the course development phase, they transition to the implementation and evaluation phases.

The education specialists play a major role in each department. Instructors should rely on the education specialist for help during the preparation of lesson plans and associated student support materials, as well as assistance in preparation of examinations. The education specialist helps each instructor in establishing goals and objectives for the Faculty Development Program and guides the instructor through the program.

Evaluation data from internal and external sources is maintained



Dr. Geraldine Berry

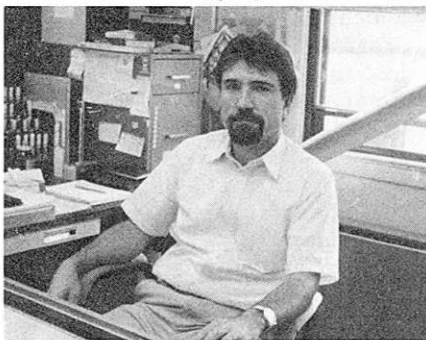
to assist in isolating problem areas and to trace trends in student performance. Visits to the classroom to evaluate instructors and lessons are regular duties of the TDE education specialists.

Lately, they have become involved in the external coordination and refinement of the Course Content Documents to bring them more into the "cradle to grave" picture of service requirements and our ability to respond.

Remember, the education specialists are not subject matter experts in your particular technical DMS area; they are however, specifically trained in educational theory and application. Take advantage of their unique skills and seek them out to assist you in lesson preparation, rehearsals, designing special instructional materials, and other projects to improve the quality of the graduate trained by the teaching departments.

Visual Information Section

Mr. Nick Mosura is in charge of the Visual Information Section and is kept busy preparing visual aids and assisting instructors in determining the best way to portray a particular requirement. He also does the art work and layout of the DMS display boards that



Mr. Nick Mosura

are placed in HQ DMA. Several of the previous boards are on display here at DMS in the Heitmann Auditorium.

Nick can be of valuable assistance to instructors during the preparation of lesson plans and lesson support materials. This is the most important aspect of the job -- working with instructors in the design of visual aids for DMS instruction and evaluating the visual aids during actual use. Instructors should take advantage of Nick's knowledge and ability and see him early in their lesson preparation.

Many job requests show up through the distribution system. We can handle the work, but there is a better way. We suggest that you bring your work down to the Visual Information Section and have the work reviewed on the spot. Questions can be answered and assistance

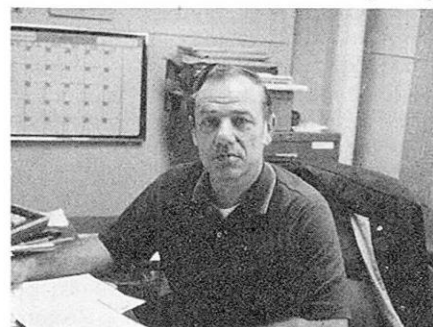
provided on the best way to solve your teaching requirement. You will be happier with the results and we will be able to provide a better quality product. Next time you have a request for a visual information product, bring it to Nick and discuss it with him.

You should be seeing more of the visual information specialists in the classroom --evaluating visual aids and their use. If you suspect that you have a lesson or block particularly weak in visual aids presentation, call Nick and request that he work with you on improving the lesson.

Writer Editor

Nary a single word for student use is written at DMS that Mr. Jim Harnden doesn't review and edit. He keeps track of all DMS educational literature; edits it; and sees that it gets printed. Cost data is maintained to assist in estimating the printing budget for the following year. Jim's edit is not only for accepted English usage but also for general technical accuracy. He works directly with teaching department authors on areas of question.

Jim has recently picked up responsibility for acquisition and control of reference materials within the School. The yearly



Mr. Jim Harnden

catalog of course descriptions is under his supervision for preparation and distribution and he assists in editing the Contour and articles submitted for military and commercial publications.

Curriculum Requirements

Major Ron Lecki and Major Bill MacPherson are currently dual billeted in this section and have responsibility for coordination of

See TDE page 7



Major Ron Lecki

service task lists and Course Content Documents. Periodic visits are made to service agencies to validate DMS training requirements and to update ourselves on what other services are accomplishing in various training areas.

Major Lecki has taken over the responsibility as the Instructor Training Course Manager for the course DMS provides to the DMA components. A JTD position has been approved, but has not been graded and advertised as of this date. Six teaching divisions will also have instructors with ITC teaching requirements written into their job description. The four TDE education specialists, the six division instructors, and the ITC manager will form the nucleus of the ITC team. This team will be



Major Bill MacPherson

augmented by military and civilian volunteer instructors to round out the team. We anticipate that 12 or more ITC classes will be conducted each year for at least the next five years. How our ITC will expand when the U.S. Army Engineer School moves, and the possible loss of support from Staff and Faculty courses, is yet to be determined.

Our Secretary

There is always someone who has to coordinate these efforts and that is accomplished by Ms. Deborah Eure, our secretary. In addition to her regular duties, Deborah provides assistance to all the departments for scheduling instructor training at the U.S. Army Engineer School for the various faculty development courses. Much of Deborah's work requires prioritizing the mountain of work received from the five other areas in TDE while attempting to keep them all happy.



Ms. Deborah Eure

Let Us Help

Don't forget that the people in TDE are here to help - and if we are not helping, we're not doing our job. Let us work with you to improve DMS instruction and the quality of the School's graduates.

*Open Season for
Health Benefit
Program*

Open season for the 1985 Federal Health Benefits Program is scheduled for Nov. 4 thru Dec. 6.

The Office of Administration and Mission Support has a comprehensive list of medical plans that are available to federal employees. In the event you should want to change your current plan or want more information concerning a particular plan, it is possible to contact the organization directly to acquire the desired information.



**Colonel Lowe Assumes
ODS Command**

Army Colonel Larry E. Lowe is now the Director of the DMA Office of Distribution Services. He relieves Captain Channing M. Zucker, USN, has who been assigned to Headquarters, DMA as Chief of the Hydrographic Division.

Colonel Lowe has been assigned to the Defense Mapping Agency in Washington, D.C. since May 1979. He began his tour at HQ DMA as Joint Plans Officer in the Plans and Requirements Directorate, Plans Division where he established the mapping, charting and geodetic requirements for the Rapid Deployment Joint Task Force at MacDill AFB, Fla. In February 1982, he was assigned to the DMA Hydrographic/Topographic Center as Chief of the Topographic Requirements Division. In July 1983, Colonel Lowe became Deputy Director of Plans and Requirements where he served until joining ODS.

Colonel Lowe is a native of Fort Riley, Kansas and is married to the former Gwen Reder of Wichita, Kansas. They have a daughter Lori and a son Larry, Jr. The Lowe's live in Alexandria, Va.

A Note from Bill

MSG Bill Elliott (Ret) says, "Hi everyone!" I am now a police officer in the city of Bryan, Texas."



Director's Call

Departures

Military Awards

TSgt Franz T. Brutscher (GAD)
Air Force Commendation Medal

CW2 Kathleen L. Hawes (TSD)
Army Achievement Medal

Certificate of Qualification (Master Instructor)

GySgt Carl M. Avant (GAD)
SFC James M. Cowan (GAD)

Military Promotion

Bruce A. Farrington (TSD)

Civilian Promotions

Geraldine Berry (TDE)
Michelle Fazenbaker (AMS-L)
Vicki May (AMS)
Jeffery Hamn (AMS)

Civilian Outstanding Performance Awards w/Salary Increase

Chesley F. Cummins (AMS)
Dale Cuave (SD)
Eugene Murray (TSD)
John Aranza (GAD)

Civilian Outstanding Awards

Fred Sisk (DCAG)
Wayne Batts (DCAG)
Alan Williams (DCAG)
Wilma Pacey (PBO)

DMS Certificate of Achievement

Dale Cuave (SD)
SSG Michael Noderer (DCAG)

DMS Suggestion Certificates

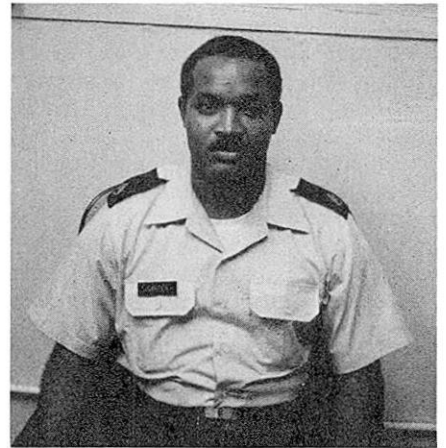
SSgt James Lobdell (SD)
Certificate
w/ \$50.00 Monetary Award

Alan Williams (DCAG)
Certificate

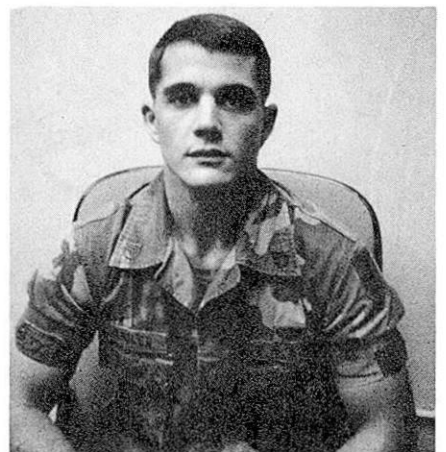


SFC Demos Johnson (DCAG)

New Arrivals



SSG Paul M. Carter (DCAG)



SSG Mark N. Hjuler (DCAG)

Safety Sayings

by Arthur N. Fleshman
DMS Safety Officer

During the month of October I attended two safety-related training sessions, one in Virginia Beach and one at the DMA Hydrographic/Topographic Center. Safety, specifically hazardous materials, is of the utmost importance this year and thru May of next year.

Before the end of November, the Departments will receive a list of the hazardous materials in their areas and appropriate labels for the individual chemicals or products considered to be hazardous. These labels will be placed on chemical/product containers so that users will be fully aware of what the hazards are. The label will list such things as the chemical components, handling cautions, flammability and protection proce-

dures. No later than May of 1986, DMS will institute a safety training program to train personnel on handling hazardous materials, protection from accidents, and instruction on what to do if a person does have an accident or mishap.

In my last article, I mentioned the requirement for training certain persons in CPR and First Aid. First Aid training should include the handling of hazardous materials injuries, such as acid burns, chemical spills on the face, etc. This would complete the whole spectrum on the hazardous materials program.

I am looking for people who would like to be involved with the First Aid program. If you are First Aid qualified, or would like to receive training, call me on 664-3098. Efforts will be made to provide you the necessary training.

**It'll Kill
Ya!**



**...And that's
NO
JOKE**

Teenagers Smoke A Lot

More than three million of the cigarette smokers in America today are teenagers. Recent figures indicate that more girls than boys smoke cigarettes.

According to recent studies, teenage females are more likely than males to begin smoking, and may be more susceptible to the social pressures to smoke.

Many health professionals believe that the rise in female teenage smoking can be stemmed by educational programs which concentrate on teaching social skills and techniques for resisting smoking temptations.

In explaining why teenagers decide to begin smoking, the American Heart Association points out that young people, both boys and girls, usually begin to face pressures to smoke between the ages of 12 and 14. This is an age when they are moving away from their families and closer to their friends. Teenagers themselves suggest that pressure from friends is a major reason they start smoking. Most teenagers who smoke are likely to have friends who smoke.

The family is also a major influence on the smoking behavior of children. Parents serve as models. In families where one or both parents smoke, a child is more likely to smoke. It also has been noted that in families where older brothers or sisters smoke, there is an even greater chance that the younger child will acquire the habit.

Additionally, young people may be influenced by cigarette advertisements, which generally show young and attractive people doing interesting and exciting things.

What can be done in the family? Smoking should not be allowed in the home, and parents who feel they have to smoke should not do so in front of the children. In addition, parents should ask other adults who visit the home not to smoke.

Parents can try to discourage young people from smoking by

supporting school and community efforts. Through the PTA or other organizations, parents can work with schools and community agencies to promote programs to help keep children from smoking. Parents can tell school officials they expect enforcement of "no smoking" rules, and they are not in favor of special areas being set aside for student smoking.

Most schools teach children about the dangers of smoking, and health agencies like the American Heart Association help educate young people by providing schools with teaching guides and materials. But the problem cannot be solved by the schools alone.

Parents must set a good example by not smoking themselves and by helping their children deal with pressures to begin smoking.

Some Facts on Smoking

- ✓Americans spend \$51 billion a year on cigarettes.
- ✓Smokers lose 21 percent more days from work than non-smokers and spend 15 percent more days disabled. Smokers have twice the accident rate of non-smokers due to carelessness caused by attention loss, eye irritation, coughing and hand interference.
- ✓Every year, disease and lost productivity due to smoking costs the United States \$65 billion.
- ✓Smoking increases maintenance and cleaning costs. A manager of a non-smoking hotel found he saved \$1,000 a year per room over the costs of cleaning up after smokers. He had 120 non-smoking rooms, saving him \$120,000 a year!
- ✓In 1983, each smoking employee cost his or her employer \$5,662 more than a non-smoking employee did. In an organization of 300 people, assuming one-third smoke, the cost is \$566,200 per year.
- ✓Every day, smoking-related diseases account for nearly 900 deaths. Fires from cigarettes cause 2,300 deaths annually.

The Great American Smokeout

It will soon be time to give the 51 million Americans who still smoke the opportunity to kick the habit for at least 24 hours. This year the American Cancer Society's Great American Smokeout, now in its ninth year, will be held on Thursday, November 21.

In today's corporate world, programs that stress good health and wellness are growing in popularity. Celebrating an event like the Great American Smokeout is a good-natured, upbeat effort to encourage smokers to give up cigarettes for at least 24 hours. Since the majority of smokers spend at least 8 hours a day at their jobs, it is only natural that the Great American Smokeout receive attention in the workplace.

Rumor has it that the Public Affairs Office will be giving out candy for those who are really trying to keep from smoking for at least 24 hours. It is suggested that the departments also develop some incentives for their employees for that day.

Kicking Around the Mule Rumor

Rumor has it that the Army is contemplating the use of mules again. So far, though, it's just an idea that has been thoroughly kicked around.

"The Army started a staff group to discuss the possible use of mules," said LTC Craig McNab, an Army public affairs spokesman.

"Before the first meeting, we were swamped with calls and letters. People offered to sell us mules; to give us mules; and someone even sent a sample alfalfa cube we could feed to the mules," he said,

The Army has light divisions in areas with hilly terrain, such as Italy and Germany, where pack animals might be useful, according to McNab. He suggests that they may send people to school to

learn how to handle mules so they can work with those used by the West German and Italian armies.

Because of their sure-footedness, strength and durability, mules have been used by armies throughout history to carry supplies over rough terrain. And, until 1957, they were used by the U.S. Army.

During World War I, the Army sent 62,200 mules to Europe for draft and pack work. In World War II, more than 30,000 were used in Italy and the India-Burma theater.

Except for the three mascot mules of the U.S. Military Academy at West Point, N.Y., advanced technology has made the Army mule obsolete with only occasional rumors of re-emergence.

"Right now, we're not planning to get mules," said McNab. "We may not do anything at all," he added in response to published reports that the Army was considering bringing them back.

American Mules: A Short History

George Washington was the father of our country. He is also known as the father of American mule breeding. On Oct. 26, 1785, he received the jack, or jackass (male donkey), "Royal Gift," from King Charles III of Spain. He later received "Knight of Malta," a Maltese jackass, from the Marquis de Lafayette.

The Spanish jack's offsprings were bred for draft work (plowing the fields; pulling canal barges; mining coal; as pack animals for gold miners, etc.), while mules sired by the Maltese jack were bred for saddle riding.

To produce a mule, a jackass must mate with a mare.

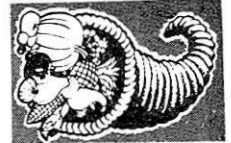
When a stallion mates with a jenny (female donkey), the offspring still looks like a mule, but it's called a hinny.

Mules are more intelligent than horses, but are sterile. Therefore, they cannot be bred.



THANKSGIVING FEAST

BY: SSGT T.D.WILLIAMS



F O O P R A Y E R S T B
E O T A T O P D A L L S
P C S T D A L A S G N G
S O R S R O K E H A M N
T F H A H M C R E M Y I
O F M O N O U B P E F F
R E C R R B D T K S C F
R L C N N E R R A O F U
A M I L K E U E F F C T
C O A A E T P F R K M S
R O B E E S E T O R M E
A D R I V E S A F E Y A

1. ALCOHOL
2. BAKED BEANS
3. BEETS
4. BREAD
5. CARROTS
6. COFFEE
7. CORN
8. CRANBERRY
9. DUCK
10. DRIVE SAFE
11. GAMES
12. HAM
13. MILK
14. PEAS
15. POTATO
16. PRAYERS
17. ROAST
18. SALAD
19. STUFFING
20. TEA
21. TURKEY



Let's Play Racquet Ball

Hear ye! Hear ye! All DMS'ers who get their kicks from wearing goggles with holes in the eyepieces, carrying an animal-gut-threaded paddle-shaped object, while chasing a small, blue trajectory around a white, unpadded-walled room, read on. Could be that you are of a rare variety, known as a "Racquet Baller."

Recently, a few DMS racquet ballers approached me (the Deputy Director included) about organizing a Racquet Ball Ladder. Those of you unfamiliar with a racquet ball ladder, don't worry. You don't have to bring a ladder to the game with you. Actually, a racquet ball ladder is an on-going racquet ball contest between players. Each time a match is played, the challenger has the opportunity of progressing one rung up the ladder. Eventually, if you are good enough, you can progress to the top of the ladder and remain

there as long as you don't lose any matches.

The racquet ball ladder is designed to match players of similar ability which promotes improvement of playing skills and makes for exciting matches. You also get the opportunity to play a variety of players, meet and make new friends, and participate in an acrobatic way to shed some "excess weight". Also, there is the additional benefit of being able to get even with your boss by beating him/her on the court.

Racquet ball can be played all year round since the courts are indoors. Courts are usually easy to reserve, do not require expensive court (green) fees, and the equipment is reasonably priced.

The rules for a racquet ball ladder are simple. The contest is open to all DMS'ers and Topo Element personnel (all ages and

all sexes). One can only challenge the player on the level directly above him/her and must complete the match within one week of the challenge. The challenger must arrange for the court (date, time and location) and obtain the concurrence of the challenged player. A "no show" is a forfeiture. Official racquet ball game rules are followed during matches.

You say you don't know how to play? No problem! Arrangements can be made to give individual beginner lessons to anyone interested in learning. Racquets, eye protectors and balls are available at both Wells Field House and the Physical Activities Center so you beginners do not have to buy any equipment until you are sure you want to get serious about the game.

If interested, the guy to contact is CW3 Andy Yacenda, 664-2285. If enough players sign up, you will be notified as to the start date and your starting position on the ladder.

See you on the Court.

by CW3 Andy Yacenda

DMS Has a Cartoonist



"This is my evil intent look!" said Captain Alan Waitkus.

By Ricky Blas

Did you ever wonder who does that creative art work on the back of "The Contour"?

It's none other than the Department of Cartography and Applied Graphics' own Captain Alan Waitkus. Captain Waitkus, Chief of Construction Drafting Division, is a great cartoonist

with a keen sense of humor. He is the sole creator of "Turnin' Green," which displays his tremendous wit as well as artistic talent. His third floor office in Wheeler Hall displays some of his other creations; such as "Dinosaur Wrecks" and "Gowf Corse".

Captain Waitkus has not always been a cartoonist. It wasn't until 1980 that, while doodling his secretary, he realized he could draw cartoons. Since then he has brought many humorous moments to his co-workers by his cartooning and accompanying one liners. He is particularly recognized at the Defense Mapping School for the "Cartoon Plaques" he creates for his friends and departing DMS personnel.

In addition to cartooning for the Contour, he also does cartooning for the "Castle" and "Engineer Magazine" here at Fort Belvoir. However, he wants further recognition of his skill and is

negotiating with several newspapers and magazines such as the "Detroit Free Press", "Kings Features", "Parade" and "Smithsonian." These publications have worldwide distribution.

Captain Waitkus is a very friendly person and will listen to everyone. This is how he gets many of his ideas and if something strikes him funny, he writes down the circumstances, who said it, and guess what? A new cartoon appears. So don't be surprised if you should happen to see your caricature in the "Contour." Now folks, don't get the idea that Captain Waitkus does his cartooning at the office unless, of course, it is for a particular "retirement" plaque or function pertaining to the School. He is a very effective division chief and cartooning is his favorite pastime activity.

Waitkus, a native of Detroit, Michigan, is married and has three children, Eric, Tracy, and Addam. He was assigned to the DMS in March of 1985.

Veterans Day Celebrated

Veterans Day is celebrated every year on November 11, on the anniversary of the armistice signed in 1918 between the Allied and Central Powers which ended World War I. It was observed as "Armistice Day" until Congress changed the name to "Veterans Day" in 1954 to honor American veterans of all wars.

It's a day that is observed in other countries as an official holiday as well; in Canada, for example, it is called "Remembrance Day."

A "Monday Holiday Law" provided that Veterans Day would be observed on the fourth Monday in October beginning in 1971. However, the idea was so unpopular that Congress passed a law in 1978 restoring observance of the holiday to Nov. 11.



by Captain Allen Waitkus

DMS Christmas Dinner/Dance



13 December 1985 at the Lorton American Legion

See attached map for directions

6 PM until 1 AM
 Cocktails — 6:00-7:00
 Dinner — 7:00-8:30
 Dance — 8:30-1:00

Menu— Barbecue brushed
 Potato salad
 Baked beans
 Salad
 Relish tray
 Dessert

Guest of Honor: Mr. S. Claus

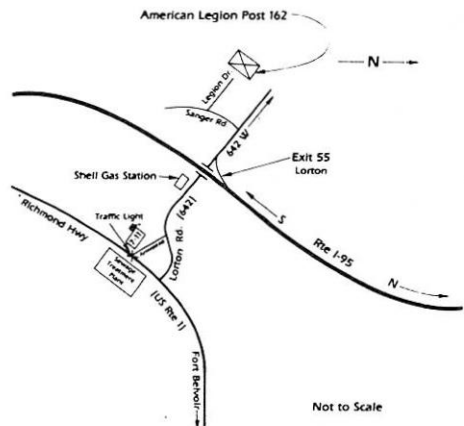
Variety music for dancing

For all DMS and friends of DMS Limit 110 so get tickets early...
 \$10 per person, \$20 per couple

Fay as you go bar (bring your own bottle, set-ups and beer available).

Tickets available from department MCO9C, SGM Jarr, MSG Knight, SFC Anderson or Lou Bloom

— Coat and Tie/Cocktail Dress —



DEFENSE MAPPING SCHOOL
 FORT BELVOIR
 VIRGINIA 22060
 OFFICIAL BUSINESS
 PENALTY FOR PRIVATE USE, \$300

POSTAGE AND FEES PAID
 DEPARTMENT OF DEFENSE
 DOD 326
 THIRD CLASS

CONTOUR

Volume 12, Number 5

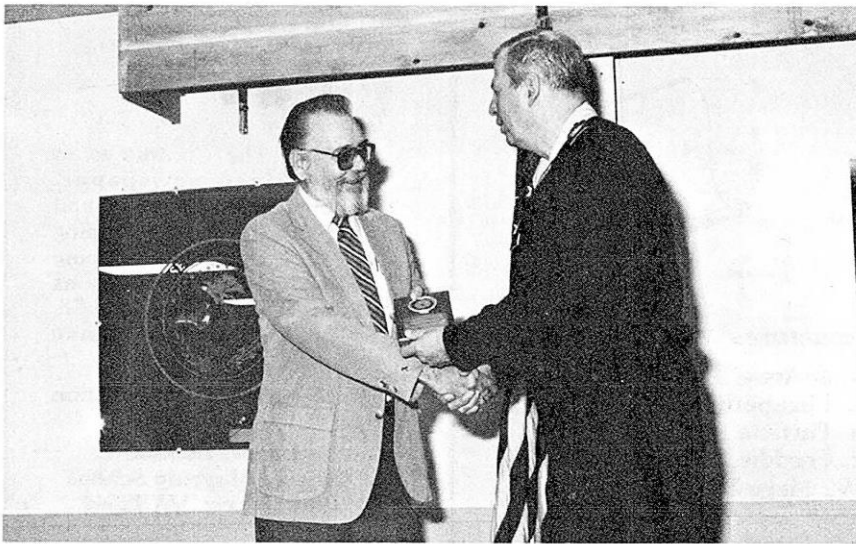
Defense Mapping School

March 1985

DMS Honors Personnel of the Year



CW3 Garrett R. Moore receives the DMS 1984 "Outstanding Officer of the Year" Award and is congratulated by Colonel Stockhausen.



Mr. Clayton J. Kruck, Department of Survey is the recipient of the DMS 1984 "Outstanding Civilian of the Year" Award.

The DMS Employee Recognition Day was held 31 January 1985 in Heitmann auditorium. Although an early morning snowstorm made getting to work very hazardous our honored employees arrived on time for the Awards ceremony held at 0830. This act was just another example of their professionalism and dedicated service to the Defense Mapping School.

CW3 Moore's outstanding performance of duty as Survey Technician and Chief Development Team was demonstrated by his leadership and management abilities of several highly visible and mission-critical programs which contributed to the successful accomplishment of the DMS mission. He has been singularly responsible for managing the Survey Department's high priority course development project as well as representing DMS on its MC&G Committee. He also pre-prepare the department's Investment Procurement Equipment and Minor Equipment proposals for FY 85. Reaching beyond his assigned duties, Chief Moore was also the major contributing author for the DMS newspaper, and he served as Administrator for the Maryland Society of Surveyors "Theory and Practice of Land Surveying" adult courses at the University of Maryland. In his spare time, he pursued a Master of Science Degree in Geographic and Cartographic Science at George Mason University. Chief Moore has accomplished much through his dedication, hard

See HONORS, Page 2

HONORS from Page 1

work, and keen sense of responsibility.

Mr. Clayton J. Kruck, Geodesist and Acting Chief of the Geodetic Survey Division, distinguished himself by the use of his initiative in identifying excess training equipment which resulted in \$125,000 worth of excess material being returned to the Supply System. He was also instrumental in the development of the Intermediate Geodetic Survey course and reorganizing the department's library into a much improved research facility. Mr. Kruck is an expert in the Geodetic Survey community, a respected teacher, and an invaluable asset to DMS.

SFC Grant L. Carpenter, an Instructor in the Offset Printing Division, effectively managed all the resources in the conduct of instruction to over 200 students in the Basic Offset Printing Course. He developed key initiatives in efficient utilization and control of instructional supplies, resulting in cost savings of approximately \$30,000. He was instrumental in the development of course instructional materials resulting in the Division's achievement of the DMS FY 84 Goal Course Documentation. SFC Carpenter's commendable performance of duty reflect great credit upon himself and DMS.



SFC Grant L. Carpenter receives the DMS 1984 "Outstanding NCO of the Year" Award.

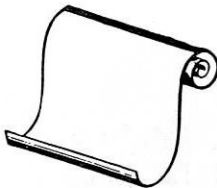


LTC Richard C. Kuhblank, Chief of the Department of Cartography accepts the Department/Staff Participation Award for his department for their participation in the Suggestion Program.

Roll Call

Arrivals:

SFC Douglas K. Briggs (SD)



Departures:

Ms. JoAnne T. Rossi (SD)
Ms. Elizabeth A. Reay (PBO)
Ms. Patricia J. Bove (TSD)
Mr. Freddie L. Greear (GAD)
CW2 Mary Ellen Dixon (TSD)
GySgt James T. Banks (SD)
MSG Charles Watts (TSD)
SFC Ted A. Poulson (TSD)



The Contour is an authorized newspaper, published monthly by and for the Defense Mapping School, Defense Mapping Agency. Views and opinions expressed in this publication are not necessarily those of the DoD.

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Fort Belvoir, VA 22060
Director
COL William Stockhausen
Editor: Irene Bellefeuille

Secretary of Defense defends Military Retirement System

The following statement was issued by Secretary of Defense Caspar W. Weinberger on Military Retirement in February, 1985.

“The value of the Military Retirement System has been reduced significantly over the past several years, as military retirees have received only half of the cost of living adjustments. In the proposed 1986 budget, retirees will receive no cost of living allowance at all. People who have come on active duty since 1980 have now had their potential retirement benefits cut by 12 percent.

Military personnel are far too dedicated to the service of their country to be more concerned with their benefits than the National Security. Based on my experience with troops of all ranks, not only since 1981 as Secretary of Defense,

but going back to my service in World War II, I believe that the contribution that these dedicated leaders have made to this nation over many years of should not be defamed. America is fortunate indeed to be served by men and women of such great dedication and devotion, who gave up any self interest or sordid motives when they voluntarily entered the military service. The men and women in uniform endure great personal hardships and make many sacrifices for the security of the United States. Military people spend long periods of time away from home, lose money every time that they move, must send their children to many different schools, must serve in isolated posts without their families and very often must risk, or give their lives for their country. The military compensation system including retirement is fair, but by no means lavish.”



MSG Charles Watts, Department of Topographic Services is congratulated for being awarded the Joint Service Commendation Medal.



SFC James T. Cummins, Survey Department receives the Meritorious Service Medal from COL Stockhausen.



CAPT Robert S. Kirsch, Department of Topographic Sciences (TSD) is promoted to the rank of Major. Colonel Stockhausen and Mrs. Kirsch do the honors.



SMSGT Lylton B. Jackson, USAF, Department of Graphic Arts is congratulated by Colonel Stockhausen for being awarded the Meritorious Service Medal.

Going Places with the Military Jet Set

By CPT Maurice Saxton

As summer approaches, many of us start thinking of vacations. One of the benefits available to military personnel and their dependents is Space Available Travel. The military's answer to the jet set. It can be a risky adventure, but the price makes the gamble worthwhile.

I was sure I had pushed chance too far this time. It was Saturday night, I was in Geneva, Switzerland, and due back to work Monday morning. Before me still lay a six-hour train ride to Rhein-Main Air Base in Frankfurt, Germany, where I hoped to catch a Space Available flight back to the States.

The train ride through Switzerland was beautiful. Clear, pristine lakes and an occasional castle could be seen from the window on my side, while across the aisle the Jura Mountains, backlit by the setting-sun, provided an equally beautiful view.

I changed trains in Basel and shot up the Rhein Valley on board one of those compartment trains you see in movies like "Murder on the Orient Express" or "From Russia with Love." By the time I got to Frankfurt, took the "U-bahn" to the civilian side of the airport and a taxi to the gate of the air base it was 0200 hours, Sunday morning. I had twenty-eight hours left to get home.

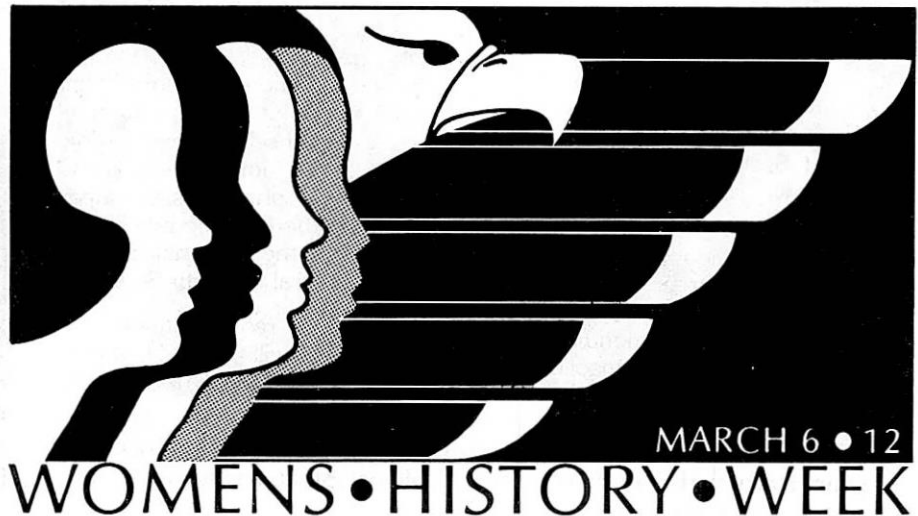
I was confident I would make it. As I dragged my two suit cases (filled with French wines) the mile or so to the terminal. I knew I'd get a flight. My bubble of confidence burst when I arrived at the terminal, for there, taped to the usually automatic door, was a handwritten sign stating "Terminal will be closed until 1700 hours due to the Air Show." (The author obviously never had the "Single Stroke, Vertical, Gothic lettering block of instruction for Construction Drafting.) I had arrived on the only day of the year when the terminal closes. There was no telling when the first flight would actually leave, or if I'd be on it.

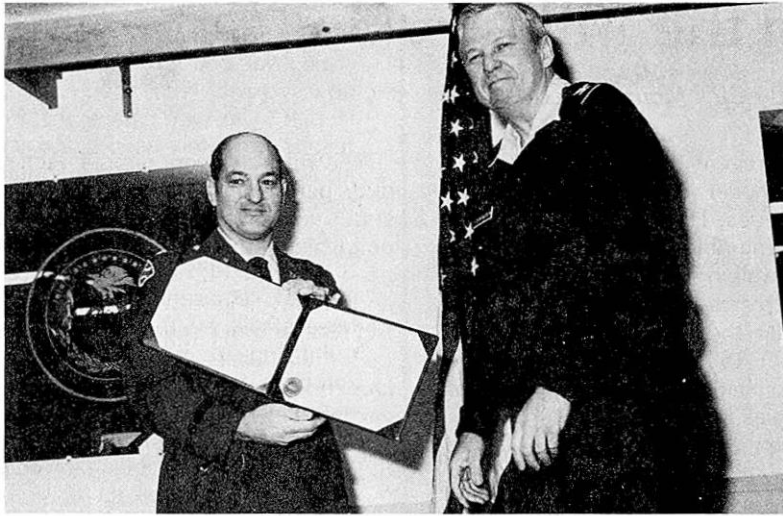
To prevent this from becoming a major novel and eventually a T.V. mini series, I'll skip the parts about not being able to get a room at the hotel; walking the halls until I found a party to crash; the waiter who tipped me that the terminal was going to open at 1600 hours because some general had to leave; and the pilot who was going to McGuire AFB, N.J. instead of Dover AFB, Del.; and just say that my dad picked me up in Dover at 0200 hours Monday morning. We drove to Baltimore where I had breakfast (Mom's are the greatest), picked up my car, and went home. Somehow or other, I did manage to shower, shave, and make it to DMS by 0730 hours.

Yes, I made it back in time! Though such close calls might seem risky to the uninitiated, to the frequent user of space available travel they are all part of the adventure. Space Available Travel is easy to use if you keep a few things in mind. First, summer and the Christmas and New Years holidays are peak times. Often active duty military can run into a wait of several days before getting on a flight, and retirees could wait several weeks. *Avoid these times if possible.* Always be prepared to buy a commercial ticket, just in case you get stuck. It helps to request a few more days leave than you plan on using as a kind of travel cushion.

The rules are very simple. Active duty personnel must be in a leave status to sign up, and must wear a uniform on the plane. Dependents must have their ID cards, passports, and be traveling with their sponsors. Retirees and dependents must have their ID cards and passports. Dependents cannot fly on military aircraft within the continental U.S. If coming from overseas, they have to get off at the first air base the plane lands in the U.S. Seats are given on a first come, first serve basis, within a priority system. Basically, the priorities are: persons on official travel, first, then emergency leave, active duty leave and retirees. Once signed up, you stay on the list for fifteen days, working closer to the top each day. If your name is called and you are not there, you are not penalized; instead, your card is put back in the same order. So, if you are not fussy about the kind of aircraft you fly in for \$10, give Space Available a try.

Some helpful phone numbers for flight and passenger information are:
Dover AFB, Del. - Autovon 455-6892/93 (U.S., England and Germany)
Andrews AFB, Md. - (301) 981-3528 (U.S. only)
Norfolk NAS, Va. - Autovon 564-4148 (Spain, Italy, Greece)





LTC Frederic C. Gray, USA, of the Office of Training and Development is awarded the Defense Meritorious Service Medal. LTC Gray was responsible for significant improvements in the Ability of the Defense Mapping School to identify and plan for evolving Service requirements and for managing the comprehensive redesign of all DMS courses of instruction.

Secretary of Defense Announces New Alignment

After years of reporting to the Secretary of Defense through the Under Secretary of Defense for Research and Engineering, the Defense Mapping Agency has been transferred into the Command Control, Communications and Intelligence community.

In a realignment of the Office of the Secretary of Defense released Jan 29, Secretary of Defense Caspar W. Weinberger announced that DMA and other functions would be under the control of the new Assistant Secretary of Defense for C³I, who will report directly to the Secretary.

In a DoD wide memorandum, Secretary Weinberger said, "It has become apparent that the management of DoD C³I functions and activities should be consolidated under one head in order to ensure consistency of DoD policy development, resource management and program evaluation.

"Accordingly, responsibility for all C³I and related space systems matters currently assigned to the USD (Policy) and all C³I functions and responsibilities, currently assigned to the USD (R&E) will be transferred to the new Assistant Secretary. Included in the transfer will be responsibility for security of communications and computers."

Also transferred to the ASD (C³) will be direction, authority and control over the Defense Mapping Agency, Defense Communications Agency and Joint Tactical C³ Agency, and primary staff supervision over the Defense Intelligence Agency and the National Security Agency/Central Security Service."

Under the reorganization, the USD (R&E) will retain responsibilities for research in the C³I area.

The Director of DMA will still be responsible to the Joint Chiefs of Staff for operational matters.



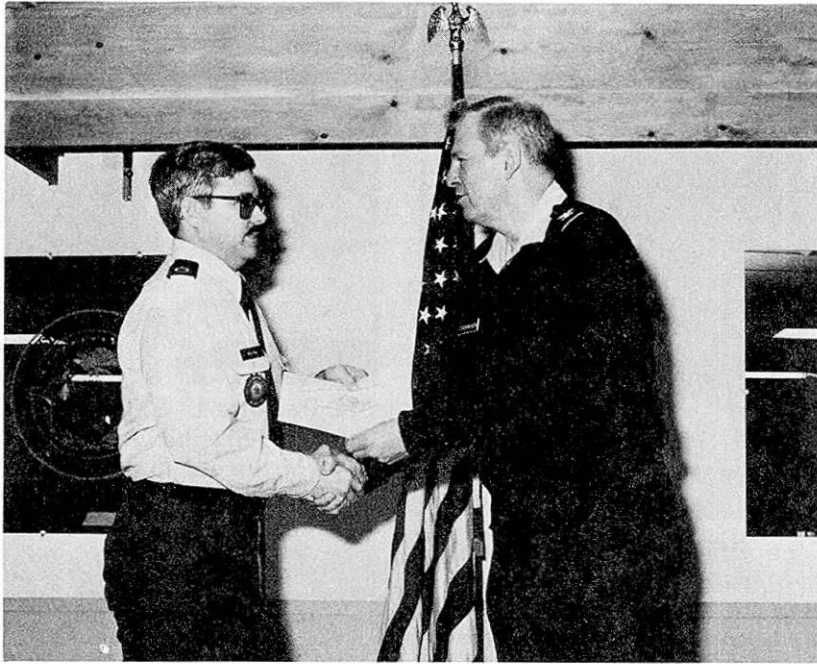
Ms. Paulette E. Gifford, Department of Graphic Arts receives her Certificate for Outstanding Performance of duties from COL Stockhausen.



Ms. Beverly Eppolito, Department of Cartography and Applied Graphics, is awarded an Outstanding Performance Certificate by Colonel Stockhausen.



Mr. Howard Shaw, Department of Cartography and Applied Graphics is congratulated by COL Stockhausen for his Outstanding Performance of duties in the past year.



Colonel William Stockhausen awarded SSG Melvin D. Wrenn his Master Instructor Certificate at the DMS Employee Recognition Day Program on 31 January 1985. SSG Wrenn is an instructor in the Offset Printing Division of the Graphic Arts Department. He has been assigned to the Defense Mapping School since November 1979.

DMS Instructors are Unique

By SSgt Tommy D. Williams

Defense Mapping School instructors offer a wide variety of services and try to meet all the needs of the staff and supervisors.

An instructor is a unique person. He/she knows his job very well, and is always willing to help. No matter how ill, tired, or worried an instructor is, he does all he or she can and never loses patience.

Instructors, for the most part, are pretty intelligent people. They don't always have an easy task and they can't always do everything the students would like. A student who wants to pass through the halls at DMS has to "make the grade" in more ways than one. And who is there to help him in more ways than one?

You're right, "Our Instructors!"

They teach all types of students; high school graduates, college graduates, foreign students, veterans, and instructors from within the School.

Instructors lead a life different from what many of us imagine. They must maintain their skills while spending long hours counseling, updating records, writing lesson plans, conducting remedial training, training, preparing exams or preparing for the next class event.

An instructor that completes a tour at the Defense Mapping School leaves with an understanding of what his counterparts in the Army, Navy, Air Force and Marine Corps are doing. He also, leaves knowing that his "can do" approach and the obvious pride reflected in his position is a positive example of true "Professionalism."

Safety Sayings

Now that the IG has come and gone (but not forgotten), we must now correct the identified "problems." We won't have the formal results for a few weeks, but we do know of some things we should do right away.

As I suggested in an earlier letter, there will be some changes or re-defined requirements. One of the biggies will be the requirement to quit using circuit breakers as regular switches to turn everything off at night. The departments will be getting instructions on corrective actions as soon as it is resolved as to how it will be handled.

There will also be new emphasis put on personal safety. As I stated in my Safety Notes in July 84, protective gear must be worn when appropriate. You will hear more about this matter later on.

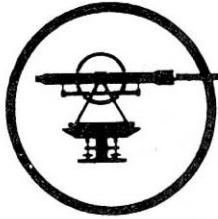
The Inspector General was not pleased in the area of DMS Safety and found some requirements in need of improvement. Safety Council members will inform offices and departments of the necessary improvements that must be made so that in the future DMS will be in compliance with all policies, rules, and regulations issued by DMA and various safety agencies.

I appreciate the fact that the Safety Council members are doing a good job and I know they will do their best to implement the new information as soon as we pass it along.

*By: Arthur Fleshman
DMS Safety Officer*

St. Patrick's Day March 17





Focus on Survey

Thanks, Banks



GySgt James T. Banks

The Department of Survey is diminished by a "a few good men" with the departure of just one fine Marine. Gunnery Sergeant Jim Banks checked out last week following over four years of service at DMS in two different departments. Jim distinguished himself as a

capable instructor in both Construction Drafting and Geodetic Surveying. These talents will serve him and the Marine Corps well at his new destination, the Marine Air Wing, Okinawa, where Jim will, most probably, be assigned to an Engineer Unit.

The tall, handsome "Gunny" always looked like he had just stepped out of a Marine Corps Recruiting poster. But his easy-going manner belied his intimidating build. We don't want to say that Jim was big, but we could always tell when he entered Wheeler Hall — the hallways would suddenly dim as he eclipsed the sunlight coming through the door! Students called him "the human partition."

While he was here Jim was noted for his sly humor, gentlemanly deportment and especially for the display of Marine Corps posters on his office wall. Some would say excessive display — but, as a wise

move, one never said so within earshot of the "incredible bulk."

Captain Miano remembers him as her best CFC keyworker. Seems when Jim went to collect, people never said "No!" Marine students will always remember Jim as someone they might have to work for someday. Undoubtedly, they would be pleased and proud to do so as we all have been.

Friends and colleagues from DMS honored Jim and his gracious wife, Ruth, at a farewell luncheon where he was toasted, roasted and dispatched with a collection of mementos from his sojourn at DMS.

The Gunny will travel solo this time, leaving Ruth and the three kids behind in Virginia for 12 months. Absence makes the heart grow fonder, Ruth. Remember to count on your friends here for help if the need arises while the Big Guy is gone.

Farewell and Godspeed, Jim. Or should we say, "Sayonara?"

Briggs Digs In



SFC Douglas K. Briggs

The Department of Survey, gains a soldier this month. After limping along with several Army vacancies for too long, we were only too happy

to welcome Sergeant First Class Douglas K. Briggs at our doorstep. "Dugout Doug," a former Infantryman and most recently a veteran of the Engineer School's Directorate of Training and Doctrine (DOTD), comes to us with broad experience, valuable training and "can do" attitude. Doug has already jumped into the swift stream of instructor activities. By the time this is in print he should be a shiny new graduate of our own Instructor Training Course, plying his skills in the Geodetic Surveying Division. We also expect to get some mileage out of his experience in DODT to help with our on-going course redesign and development.

Our newest instructor has been in the Army since 1972 and has a colorful resume' of diverse military

assignments. Doug has done everything from Ground Radar Surveillance (including border duty on the East-West German Frontier) to Infantry Squad Leader. He hitched on with the Good Guys in Army Topo in 1980, rising to Squad Leader and Platoon Sergeant in the 30th Engineer Battalion.

Doug hopes to finish his Associate Degree at Northern Virginia Community College while assigned here. Doug and wife, Brenda, are newly weds, and live with their adopted cat "Sugar" in Dale City, VA. Off duty Doug fancies himself a "shade-tree mechanic" as he himself says it with his mid-westerners' down-to-earth manner. He also is an avid hunter. (Maybe we'll get some venison stew for our next Christmas Party?)

BLACK HISTORY:

Benjamin Banneker, Surveyor is called "The First Black Man of Science"

The details of Benjamin Banneker's contributions to the original survey of the Nation's Capitol are well known to most surveyors and mappers. Called the "First Blackman of Science" by one scholar, Banneker is regarded by historians as a self-taught mathematical genius. Now archaeologists recently unearthed Banneker's homesite in nearby Baltimore County.

He was a free black, born the son of a free black in 1731 when slavery still existed in this country. He gained renown in his home state of Maryland as an astronomer and publisher of an almanac. As a youth he once constructed a clock from wooden parts after studying a pocket watch. He had already taught himself math and astronomy from borrowed books and had published his first almanac when his talents and reputation were brought to the attention of Thomas Jefferson who was then the Secretary of State. Jefferson's correspondence with Banneker eventually led to the

blackman's appointment by President George Washington to assist in the arduous work of surveying the boundries of the new District of Columbia. At that time the future capitol was still a swampy wilderness. Banneker performed all the astronomical observations and computations for this important survey beginning in 1791 when he was 60 years old.

Interest in Banneker peaked recently when archaeologists unearthed the site of his simple home in nearby suburban Baltimore County in 1983. Despite his fame, Banneker had no fortune. He lived out his remaining years humbly on the 100-acre tobacco farm his father built continuing his writings and intellectual passion for math and astronomy. He died in his home at age 75 and was buried only a few feet away from his house. Tragically, as he was lowered into his grave, the house went up in flames, destroying everything except for some papers left with a neighbor. Even so, his



legacy endures in the city he helped to make the Capitol of the free world. His love of learning and extraordinary self-motivation inspire us all even today.

Note: A detailed and fascinating account of Banneker's life and contributions is given in Silvio Bedini's "The life of Benjamin Banneker".



Miners -From Colorado to California black men and women were an integral part of the rush for riches hidden in the hills of the West.



Pony Express -Many black men saddled up to carry mail and parcels across the Old West. Express riders provided the slender communications thread that connected people and towns to each other and to the nation.

On This Date—

March 1 Articles of Confederation, supreme law of the United States for eight years, ratified, 1781. United States explodes world's first hydrogen bomb in the Marshall Islands, 1954.

March 3 President Herbert Hoover signs bill that makes the "Star Spangled Banner" our national anthem, 1931. Naval Reserve established, 1915.

March 5 Boston Massacre... five colonists killed and six wounded by British soldiers, 1770.

March 6 The Alamo falls... among fallen defenders are famed knife inventor James Bowie and frontiersman Davy Crockett, 1836.

March 7 United States 1st Army force captures Remagen Bridge on the Rhine River, enabling Allies to advance into the German heartland, 1945.

March 9 Birthday of Amerigo Vespucci, Italian navigator and mapmaker, for whom Americas are named, 1451.

March 10 Alexander Graham Bell transmits first telephone message ("Mr. Watson, come here, I want you".) 1876.

March 12 Girl Scouts of U.S.A. founded, 1912.

March 13 Birthday of Army Air Intelligence, 1917.

March 14 Casey Jones, railroad engineer and hero of folk ballads, born, 1864. Albert Einstein, who developed the theory of relativity, born, 1879.

March 15 Ides of March... Julius Caesar assassinated, 44 B.C. George Washington tells Continental Army officers rebellious over lack of pay, food, clothing and pensions, "I have grown old in your service..." 1783. Andrew Jackson, seventh president, born, 1767.

March 16 Birthdays of fourth president, James Madison, 1751; United States Military Academy at West Point, N.Y., 1802; and the Army Corps of Engineers, 1802. Dr. Robert Goddard launches the world's first liquid-fueled rocket at Auburn, Mass., 1926.

March 19 Congress passes Standard Time Act, which authorizes standard time zones for the United States and establishes Daylight Saving Time as a fuel economy measure in a country at war, 1918.

March 20 Spring begins, 5:25 a.m., Eastern Standard Time. United States Navy commissions its first aircraft carrier (the USS Langley), 1922.

March 24 Birthday of Harry Houdini, magician and escape artist, 1874.

March 31 First United States map to be engraved in this country is produced, 1784.

The Mind-Changers

By CW3 Garrett R. Moore

This month the Contour continues with Part 6 of its seven-part series on drugs and prevention of drug abuse. The purpose is two-fold -- to educate readers with facts about commonly used drugs and more important what concerned individuals can do in their homes and communities to prevent drug abuse. It is based on an old truism that an ounce of prevention is worth a pound of cure. The information presented was published by the National Institute of Drug Abuse, an agency of the Department of Health and Human Services.

Much public attention has been given to a class of illegal drugs called the hallucinogens. They act differently in the body than stimulants and depressants. They change the way we see and hear the world around us. They produce hallucinations and delusions.

LSD

Probably the best known mind-changer is LSD ("acid"). It is one of the most powerful chemicals known; an amount almost too small to see with the naked eye is enough to cause disorientation for up to 12 hours. Continued use of LSD can result in serious personality breakdown, although LSD does not create physical dependence.

PCP

One serious drug of abuse, phencyclidine, is a tranquilizer for animals. Called PCP ("hog" or "angel dust"), its effects can include a feeling of numbness in arms and legs and hallucinations. Sprinkled on tobacco or marijuana cigarettes or taken in capsules, PCP can create temporary psychosis much like acute schizophrenia. It often leads to paranoia and has been linked with serious violence.

Other Hallucinogens

Mescaline is the active ingredient in the peyote cactus. Psilocybin is the psychedelic drug in the so-called "magic mushroom" found in Mexico. Both of these drugs can cause hallucinations — fantasies of the mind. Both can be made in the laboratory but rarely show up in the black market in pure form.

The black market laboratories continue to produce new kinds of

synthetic hallucinogens. "STP" is one such drug, which has been found to be very dangerous. "MDA" is another; this one seems to also act like a stimulant.

Glue and Other Inhalants

Young children often try to sniff glue or inhale other volatile chemicals — deodorant or hair spray, or even gasoline fumes — to get high. These materials are poisonous and very dangerous. Much of their intoxicating effect comes from cutting off oxygen to the brain or affecting the lungs. Overdoses of these chemicals lead to kidney and brain damage, and death.

**Editor's note: CW3 Moore is the DMS Alcohol and Drug Abuse Officer. If you have an alcohol or drug related problem, or simply need information on prevention, counseling or assistance, please call him at x41087, or visit him in room 103, Wheeler Hall.*

Next issue: Part 7, "What you can do."



Defense Hotline

Pays Dividends

A senior naval officer is restricted to his quarters for 15 days and given a letter of reprimand. An Air Force officer is allowed to "pursue retirement" in lieu of a general court-martial. A senior civilian DoD employee's home is attached by the government. These are some of the many results of people reporting suspected wrongdoing on the Department of Defense Hotline.

Since the Hotline was established in June 1981, more than 23,000 calls or letters have been received. About one-third of them have led to inquiries and further reviews. Presently, Hotline reports are being received by the Defense Investigation Service at a rate of about 880 per month.

The kinds of wrongdoing being reported include overpricing, misuse of authority, wasting government money, and misuse of military aircraft and commercial airline tickets.

Following are some specific examples of cases which have resulted from the Hotline.

- A caller reported that a navigational light purchased by the Air Force increased in price from \$35 to



\$283. A subsequent investigation resulted in the standard unit price of the light being reduced to \$52 and the contractor refunding to the government more than \$30,000.

- Another caller alleged that a Military officer was conducting personal business while on duty. An investigation disclosed that the officer was a representative of two retail firms and spent duty time selling these firms' products to subordinates and other personnel. The officer received an Article 15, was fined \$817 a month for two months and allowed to pursue retirement in lieu of a general court-martial.

- A caller complained that a DoD civilian employee was making authorized expenditures in connection with a relocation of a facility

within New York State. A preliminary inquiry resulted in the formation of a joint government task force consisting of teams from four federal organizations. A senior civilian employee pleaded guilty to more than 170 counts. The government attached the defendant's home, which is valued at more than \$500,000.

To report cases like these, or any with fraud, waste, or abuse overtones, call the Defense Hotline:

Toll Free: 800-424-9098

AUTOVON: 223-5080

FTS: 693-5080

**Washington, D.C. Metro Area:
693-5080**

Or Write:

Defense Hotline

The Pentagon

Washington, D.C. 20301-1900

**DEFENSE
HOTLINE**
**FOR FRAUD, WASTE,
ABUSE REPORTING**
800/424-9098-toll free
223-5080-Autovon
693-5080-FTS
693-5080 Washington, D.C. Metro area.
OR WRITE:
**DEFENSE HOTLINE
THE PENTAGON
WASHINGTON, D.C.
20301-1900**
IDENTITIES OF WRITERS & CALLERS
FULLY PROTECTED.

CONTOUR

Volume 12, Number 5

Defense Mapping School

April 1985

The Widow in Black Seeks A Claim For Fame

By John Mann



Black Widow "Chris" has been recruited by the Survey Department to produce spider webbing to be used in repairing survey equipment.

How can man find meaning for the existence of this timid but talented spider, which seeks out a place to live undisturbed without any publicity? The black widow is unaware of the value of the delicate web, but technicians in science and engineering are indebted to this spider for the quality of control offered by the web it spins.

Science of Surveying

The science of surveying has been developed through skills in engineering as well as the development of

more sophisticated surveying equipment whose capabilities developed from the invention of three important items and they are: the telescope, the level vial, and most important of all, the reticle with cross hairs. The reticle, a small disk with a hole in its center, is the housing onto which the cross hairs are fastened. The cross hairs are placed so they fit into very fine grooves which have previously been etched on the reticle housing. When in place, the cross hairs form a cross (+) in the center reticle housing. The cross hairs in

the majority of the older type surveying instruments are made from the black widow spider web. Not only has the black widow contributed to the advancement of man-kind through engineering, but also in other fields that require optical instruments, such as hunting, where the telescope on a rifle needs cross hairs in order to aim and project a bullet to the target accurately.

Procedures

The preparation of the cross hairs in the reticle begins with the obtaining the necessary web. Collecting the web from the spider is a delicate procedure. Using a half inch wooden dowel that is about thirty inches long, the black widow is removed from the housing container. By vibrating the rod so as to cause the spider to fall off, the spider begins the process of spinning the web to provide itself a way back to the rod. The web is transferred to a collecting frame where it is wound up as the spider continues to produce in an effort to get back to the rod safely. When sufficient web is available on the frame, the spider is returned to the housing container.

Survival Instinct

Because nature has instilled in each animal the instinct to survive, so, the black widow responds to this sense of survival. Only when its life is threatened or it is driven by hunger will the black widow spider attack and use its poisonous weapon. When hungry, the spider will only attack the insects that have been trapped in the web. The black widow is a nonaggressive spider that is more concerned with avoiding people than attacking them.

Unusual and Fascinating

This creature of magnificent beauty
See SPIDER, page 3

Awards Ceremony February 1985

Military Promotion

SMSGT Lylton B. Jackson (GAD)

Military Awards

CW2 David C. Dannelly (TSD)
Meritorious Service Medal (First Oak Leaf Cluster)

CAPT Stephen J. Satari (TSD)
Air Force Achievement Medal

SSgt James Lobell (SD)
Joint Service Commendation Medal

TSgt Michael J. Olkowski (GAD)
Joint Service Commendation Medal

Master Instructor Certificate

MSG Victor N. Antezana (DCAG)
MSG Harold R. Dominique (DCAG)
SSG Earl L. Miller (DCAG)

Senior Instructor Certificate

SSGT Herold Robinson (DCAG)

Civilian Promotions

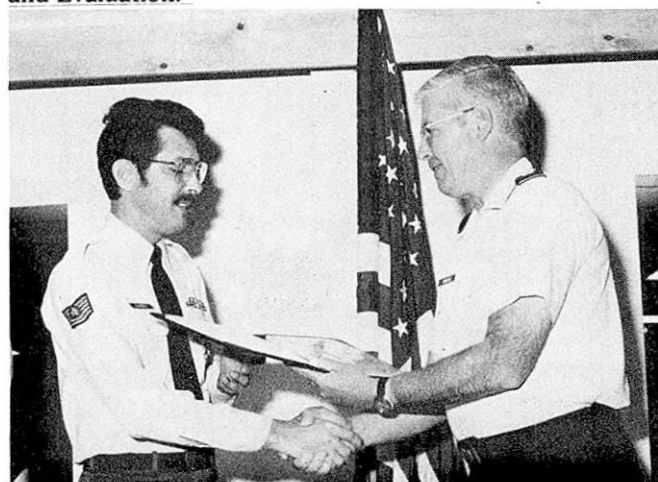
Ms. Helga Yovorsky (PBO)
Mr. William M. Lewis (TDE)

Civilian Performance Appraisals

Ms. Deborah Eure (TDE)
Mr. John L. Bassett (DCAG)
Mr. Carl Markwell (GAD)
Mr. Edward F. Franke (PBO)
Mr. William H. Sutton (GAD)

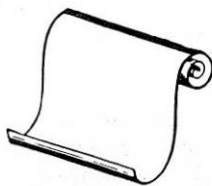


Ms. Deborah Eure is awarded a Sustained Superior Performance Award for outstanding performance of duty. Ms. Eure is assigned to the Office of Training Development and Evaluation.



TSgt Michael J. Olkowski (USAF) is awarded the Joint Commendation Medal for meritorious service while serving as an instructor, Offset Printing Div., Dept of Graphic Arts.

Roll Call



Arrivals

CPT Alan J. Waitkus (DCAG)
SSG Stuart M. Lobel (GAD)
Mr. Charles W. Locke II (SD)
(DMS' SGM Locke, Ret.)

Departures

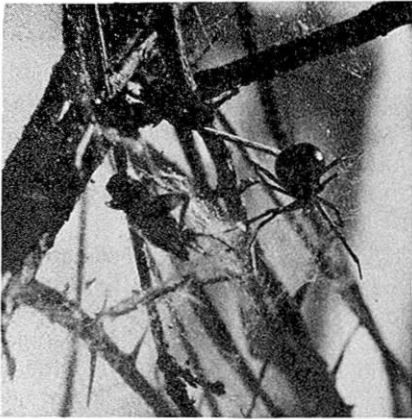
LTC Frederic C. Gray (TDE)
Mr. John P. Bray (SD)
SSgt Herold Robinson (DCAG)
LICM William E. Portt (GAD)
TSgt Michael J. Olkowski (GAD)



The Contour is an authorized newspaper, published monthly by and for the Defense Mapping School, Defense Mapping Agency. Views and opinions expressed in this publication are not necessarily those of the DoD.

Address all communication to:

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Fort Belvoir, VA 22060
Director
COL William Stockhausen
Editor: Irene Bellefeuille



and architectural design capabilities, the withdrawn black widow spider, is one of the most unusual and fascinating subjects to study. In fact, the writer has enjoyed the black beauty under experimental conditions in captivity for period of six years. Associates have even maintained the black widow as a house pet. As a service provider, the black widow unwittingly befriends man by providing a natural monofilament in the form of the silken web which can be used in optical instruments. It is important to use the black widow web because, under multiple power magnification, the web holds its properties to provide a fine, unfrizzled line to make for excellence of performance with the cross hairs. With this claim to fame, the black widow deserves to be treated as a friend, one to be admired and respected.

Going on Safari

Now, if you are on safari and capture one of the shy and timid beasts, call TIRC, 664-3489, and we will arrange for one of our wild animal trainers to relieve you of the creature. This is what CW2 Raymond Seeley (Ret) and his son, Chris did. So the Topographic Instrument Repair Course personnel has increased by one black widow spider named "Chris". In the near future Chris will produce a material (web) that will be used in the repair of some of the older type levels that the students use here at the Defense Mapping School, and Chris' name will be recorded in the Record Book of Fame for Black Widow Spiders.

P-3 Orion is "DMA One"



"DMA ONE" got a close-up once over by DMA officials early in February, shortly after the P-3 Orion was turned over to the Agency. The patrol plane will be used by DMA for airborne gravity gradiometer surveys after a period of modification with new, specialized equipment. Joining Rear Admiral E. A. Wilkinson, Jr., DMA Director, for inspection at Andrews AFB, were (left to right): Lieutenant Colonel Billy Mayo, Chief, Gravity Surveys Office of the Geodesy Department, HTC; Dr. Mark Macomber, DMA Director of Systems and Techniques; Dr. Charles Martin, DMA Chief of Advanced Technology; Captain John Foley and Mr. Willard "Bud" Swartwood of the geodesy desk of the Topographic Department, HTC; and Brigadier General David M. Goodrich, DMA Deputy Director.



Going over the fine points of multi-engine flight, Admiral Wilkinson, long time Navy P-3 pilot and former commander of all patrol squadrons in the Atlantic fleet, shares the cockpit with General Goodrich -- a veteran Air Force fighter pilot.

Professor Gao Jun Visits DMS

Early in March, DMS was honored by a visit from Professor Gao Jun of the Zhenghou Institute of Surveying and Mapping, Republic of China. He is the Director of the Institute and is a Cartographer.

The principle purpose of Zhenghou Institute is for training military personnel for the Military Bureau of Survey and Mapping. His government likes to think of the Defense Mapping Agency as the comparative agency for their Military Bureau of Survey and Mapping.

Professor Gao Jun was highly impressed with the manner in which DMS students are taught. It is his desire that someday his military counterparts will be able to visit the Defense Mapping School.



A Modern Day Surveyor Reflects on Surveying Changes

By: Clayton J. Kruck

A few issues back, the Surveying Department had an article titled "Early Surveyors were Rugged". Since reading that article, I have come to the momentous (sic) conclusion that surveying has not changed all that much in the past 300 years. With the exception that transportation and instrumentation has improved, the actual task of surveying (cadastral, construction, geodetic, artillery) has changed very little.

In the "good ole days", the surveyor walked or rode a horse or mule to the job site and then did the job by walking and carrying the equipment. In these "modern times" the surveyor gets to the job site by automobile, motorcycle, or helicopter. But, once there, he has to do the job by walking and carrying the equipment.

So what has changed? The equipment the earlier surveyors used was generally just a transit, level, chain (tape), and of course a tripod to set the instruments on. The modern surveyor uses a transit (or theodolite), level, tape, and of course a tripod. So what's different? Well, the modern surveyor usually has a few other pieces of equipment he may have to carry along. These

other pieces of equipment are generally state-of-the-art, and include such equipment as electronic distance measures, lightweight (sic) electronic gyroscope azimuth measures, electronic satellite receivers, electronic total station instruments, and an ice chest to keep the beer drinks cold. The magic word in most of this modern equipment is of course "electronic."

But what does this magic word do for the surveyor? It makes his job of surveying much easier to accomplish. However, this word "electronic" means just a little more than that; it means that you need a power supply to activate and operate this equipment. A hah! now you see where I'm going. A power supply usually entails the use of a 12 volt wet cell battery or a generator or both.

So while the actual job of surveying has become easier, the task of carrying all this equipment has become a very great and tiring task. I believe that the only thing that has really changed, is that the beer (darn it) drinks are colder now days.

Therefore, in conclusion I think the the earlier article should have been entitled "Early Surveyors were Rugged and They Still Are."

Definition of A Surveyor

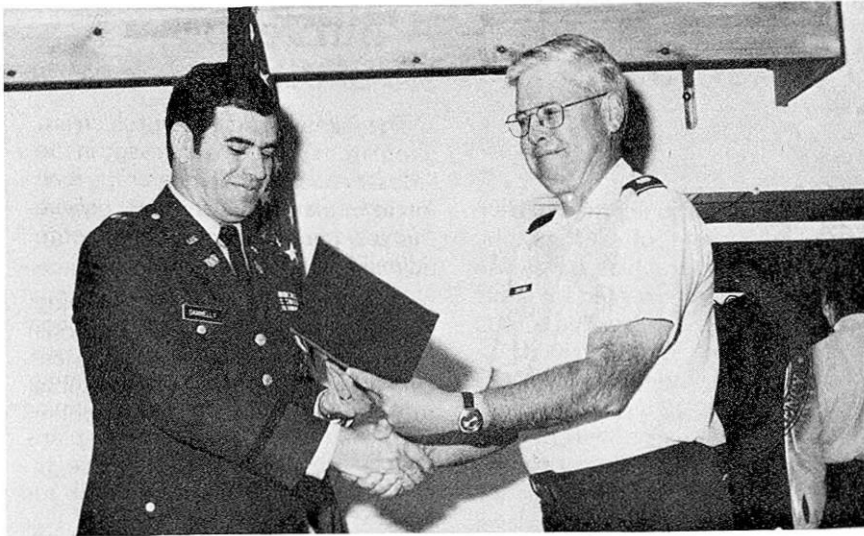
Submitted by: Clayton J. Kruck

The following definition, which is a quote from an 8th grade essay in the "Massachusetts Surveyor", was found in an early Contour. I believe this is a very good and appropriate definition of a surveyor.

"Sirvayor: A sirvayur is something that grubs around in the woods looking for little sticks and stones. When he finds them, he does some kind of weerd dance around them which he leans on and looks at. When he don't find them he walks around all day like he's lost. Sometimes you see them squashed by cars along the road, espeshelly in the summer when all the other bugs are out. A sirvayur has one big eye and one little eye like popeye. He usually walks bent over all the time which is why he allways looks so stooped. His face looks like old leather. He cusses terribul. He can't read because he measures between things and then puts down a number in a little book which is difrint than wat his littel map says. He always measures to a stick or stone. He is not too brite because he is always making marks on the sidewalks and rodes to find his way home. His pants are allways tore from rock salt and his shoes look like they was made of mud. People stare at him, dogs chase him and he always looks wore out. I don't know why anyone wants to be a sirvayur."



Mr. Edward F. Franke is officially commended for Sustained Superior Performance by Lt Col Swanson.



The Meritorious Service Medal (First Oak Leaf Cluster) is awarded to CW2 David C. Dannelly for exceptional meritorious service as a Photomapping technician in the 584th Engineer Company (Cartographic) and in the HQ 30th Engineer Battalion (Topographic) (Army), Fort Belvoir, VA. CW2 Dannelly is currently assigned to DMS, Topographic Sciences Department.

Safety Savings

Even though this seems to be addressed to safety people, the information affects every one at DMS, including Staff and Faculty.

Now that the IG has come and gone, let me give you some previews on what we may expect during the next few months. We are not as bad off, safety wise, as was rumored. Most of the "gigs" we received were either thru a misunderstanding or we were not properly informed initially. Point-in-case has to do with the ammonia machines. We thought we were in compliance on storage and use of the ammonia tanks in both Bldgs 214 and 220. Now we are told that we can't have the tanks inside the building. We will work that one out, amongst other things, when the IG report comes out.

We will have to work out the "problem" with storage of the spray can materials, such as, paint, adhesives, cleaners, etc. Since no one will want to carry these items back and forth to a paint shed or outside storage area, we may satisfy the regulations by having a number of fire-safe cabinets in strategic areas within the buildings.

There is new emphasis on disposal of chemicals, particularly in the photo/press areas. If there are any hazardous or toxic chemicals or materials in any area we are not already aware of, please let us know so we can take care of those things.

The IG Safety Representative stated that we may have to quit using circuit breakers as a vehicle to turn off lights, outlets, equipment, etc. IG inspectors say that we must turn off each switch on each electrical outlet, not at the breakers. We will give the definitive word on that when the IG report is published giving us the way we have to do this.

I am satisfied that I have been getting cooperation with the safety and health representatives at DMS. I wish also to remind them that I am available for their service at any time. If I don't have the answer to a question, I'll do my best to find out the answer.

Have a happy Spring!

Arthur N. Fleshman
DMS Safety Officer

Brazilian Officers Visit DMS

Colonel Jose Carlos Araranti, Major Mamauri R. Destri, and Major Marcos D. Almedia from the Office of Centro Tecnológico Do Exerito (CENTREX) visited DMS recently and were briefed on APPS I and given a short tour of the APPS I teaching facilities.

The Brazilian Office of CENTREX equates to the Training and Doctrine Command of the US Army Department. The director of CENTREX, Major General Santoro, visited DMS in October 1984 and was so impressed that he requested his officers be given a similar tour and briefing.

Loan of CPR Equipment

The American Red Cross policy does not permit the loan of any CPR equipment to any individual without a valid CPR Instructor Card. The Red Cross does not recommend teaching CPR by demonstration because CPR procedures require adequate practice time to be learned correctly. The American Red Cross Office (664-1247) at Fort Belvoir is willing to assist interested groups in training CPR instructors. A current CPR card is necessary to take instructor training. The course is 12 hours long.



Mr. William M. Lewis receives his promotion papers from Lt. Col Swanson. Mr. Lewis is assigned to the Office of Training Development and Evaluation.

Training for Construction Draftsman is Redesigned

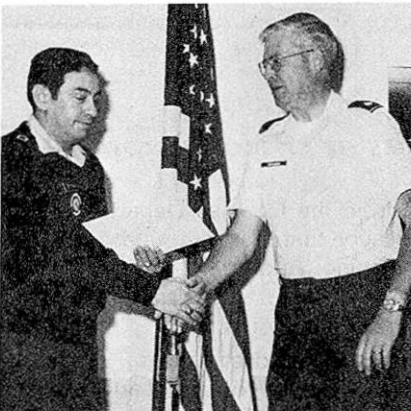
By: Captain Ronald A. Hess



MSG Earl L. Miller (DCAG) is awarded the Certificate of Qualification for successfully completing the requirements of the Faculty Development Program for Master Instructor.



MSG Harold R. Dominique (DCAG) receives the DMS Certificate of qualification for successfully completing the requirements of the Faculty Development Program for Master Instructor.



Lt Col Swanson congratulates MSG Victor N. Antezana (DCAG) for successfully completing the requirements of the Faculty Development Program for Master Instructor.

The Construction Drafting Division, Department of Cartography and Applied Graphics, Defense Mapping School, located at Fort Belvoir, VA has just finished a total redesign of the training received by a Construction Draftsman (MOS 81B10). The 12-week resident course provides enlisted and selected civilian students with the apprentice level skills and knowledge necessary to perform entry level construction drafting tasks.

The course is divided into three four-week phases with a specific type of drafting taught during each phase. The first four weeks provide the student with the basic skills and knowledge required to draft engineering drawings. The learning experience include: use of standard drafting instruments, orthographic sketching, projected and pictorial drawing techniques, and the dimensioning of engineering drawings. After this phase, the student will be able to complete single and multi-view detail drawings, and pictorial assemblies. During the second phase, the student will be exposed to those skills necessary to draft architectural working drawings. The knowledge gained during this phase

includes: architect's and metric scales manipulation, architectural detailing practices, materials estimating and metric conventions. Drawings completed will include: foundation plans, floor plans, wall sections, building details; electrical, heating, ventilating, or air conditioning (HVAC) plans and plumbing plans. During the last four week phase, the students are taught structural and civil engineering drafting skills. This includes drafting of structural detail drawings that communicates the designer's intent; plus roadway drawings, earthwork volumes and mass curves. These last three drawings are used by the designers and construction managers to develop the critical paths used in construction management. Students are also exposed to the preparation of charts and graphs during this phase.

The two and one-half year long course redesign began with the analyses of 22 tasks and resulted in the development of performance examinations for those tasks and over 2000 pages of student support materials. The complete revision of the course enables the Defense Mapping School to provide a better trained soldier for the field units.



Mr. Carl Markwell is officially commended for Outstanding Performance of Duty. Mr. Markwell is assigned to the Dept. of Graphic Arts.



Mr. William Sutton is officially commended for Outstanding Performance of duty. Mr. Sutton is assigned to the Graphic Arts Dept.

Could It Happen Here?

Submitted by: Irene Peine

As a member of the elite club known as "Pack Rats," throwing away interesting bits of information creates a problem. In an effort to reduce these informative and thought provoking items in my collection, I found the following article worth sharing with you.

Food for Thought

This article, taken from a New York newspaper, was submitted to the editor of Topo Comments and appeared in the issue dated 23 January 1970. Topo Comments was the organizational paper published by the U.S. Topographic Command, a predecessor organization of the current DMA Hydrographic/Topographic Center.

In the light of today's on-going current events it might be well of all of us to compare today's happenings with this old article.

WAKE UP!

This is Happening

Communist Rules for Revolution

(Captured in Dusseldorf, May 1919 by the Allied Forces)

"A. Corrupt the young, get them away from religion. Get them interested in sex. Make them superficial, destroy their ruggedness."

"B. Get control of all means of publicity and thereby:

1. Get peoples minds off their government by focusing their attention on athletics, sexy books and plays and other trivialities.

2. Divide the people into hostile groups by constantly harping on controversial matters of no importance.

3. Destroy the people's faith in their natural leaders by holding the latter up to contempt, ridicule and obloquy.

4. Always preach true democracy but seize power as fast and as ruthlessly as possible.

5. By encouraging government extravagance, destroy its credit, produce fear of inflation with rising prices and general discontent.

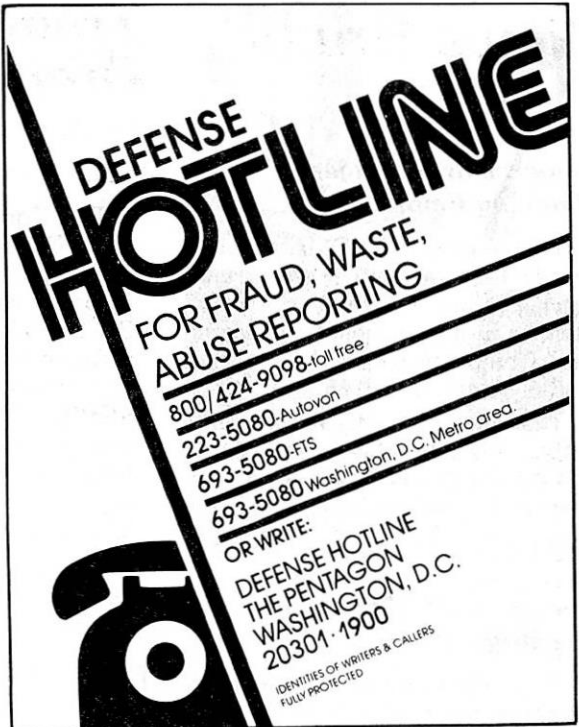
6. Foment unnecessary strikes in vital industries, encourage civil disorders and foster a lenient and soft attitude on the part of government toward such disorders.

7. By specious argument cause the breakdown of the old moral virtues: honesty, sobriety, continence, faith in the pledged word, ruggedness.

"C. Cause the registration of all firearms on some pretext, with a view of confiscating them and leaving the population helpless."

"Note: The above 'Rules for Revolution' were secured by the State Attorney's office from a known member of the Communist Party, who acknowledged it to be still a part of the Communist program for overthrowing our government."

Alarming and bone-chilling, but, just as true today as it was in 1919!



**DEFENSE
HOTLINE**
FOR FRAUD, WASTE,
ABUSE REPORTING

800/424-9098-toll free
223-5080-Autovon
693-5080-FTS
693-5080 Washington, D.C. Metro area.

OR WRITE:
DEFENSE HOTLINE
THE PENTAGON
WASHINGTON, D.C.
20301-1900

IDENTITIES OF WRITERS & CALLERS
FULLY PROTECTED

The Merit Systems Protection Board Reports

The Merit Systems Protection Board recently reported that about 70 percent of federal employees do nothing about waste, fraud, and abuse. More than half of them said the reason was they believed nothing would be done. Thirty-seven percent said they feared reprisal. Twenty-three percent of those who did report mismanagement said they had suffered reprisal.

This in itself is sad enough. What is especially discouraging is that no one could help the administrations' cost-cutting program more than federal workers. It has been said, by members of Congress that federal employees if properly protected in whistleblower reporting areas, could scrub the government clean.

Internal Audits are Being Stepped Up

Internal audits within the Defense Department are being stepped up. Maybe that is exactly what is needed the way things are going. Auditors did find the \$100 diode and the \$400 hammer -- prices that federal employees inside the system let pass.

However, auditors can't find everything. It took a whistleblower to find the \$7000 coffee pot and to point out the trashing of perfectly good spare parts at an Air Force base. It took a whistleblower to point out a \$2 billion overrun on a cargo plane, and it was a whistleblower that challenged the salaries paid to certain Defense contractor employees.

News Briefs

Supervisor/Manager Training Emphasized

The Director, HQ DMA, emphasized that all supervisors and managers are required to complete training in Interpersonal/Behavioral and Communications Skills by the end of Fiscal Year 1985.

The first scheduled training course for DMS personnel will be conducted at the School April 2, 3, and 4. A second training course is tentatively scheduled for Sept.

Asian Pacific American Heritage Week

The Asian-Pacific American Heritage Week will be held May 4-11, 1985. As in the past DMA will participate in this observance. In addition DMA will be an exhibitor at the 7th National Asian Pacific American Heritage Festival to be held on the Washington Monument Grounds, May 11. Information will be provided regarding job opportunities within DMA.

For more information concerning Asian-Pacific activities for this week, contact Mr. Salvador G. Solis, HQ DMA -- (202) 653-1602/1608.

Aerospace Orientation Tour

Ms. Wilma Pacely, Program Analyst, and Ms. Helga Yovorsky, Management Analyst who are assigned to the DMS Office of Programs, Budget and Operation, recently attended an Orientation Tour of the DMA Aerospace Center, St. Louis, Missouri.

The primary purpose of the tour was for the analysts to obtain an overall picture of the Manpower Data Automated System and for them to become familiar with general purpose processes.

Contractor Activities

Contractor activities are going on throughout DMS. Any problems encountered with the contractors

should be brought to the attention of Captain Burrows rather than dealing with the contractor involved.

US Army Engineer Museum

For greater convenience, the US Army Engineer Museum is now open to visitors from 1000 to 1630, seven days a week. However, it is closed on Easter Sunday, Thanksgiving, Christmas and New Year's.

Change of Command

The tentative date for "Change of Command" at DMS is 10 July 1985. Colonel David Maune, the HQ DMA Inspector General will be our new Director. Colonel William Stockhausen will be transferred to Headquarters as the new IG.

Golf Activities


The SPOEM Golf Tournament will be held on 3 May. The cost will be \$25. The HTC golf tournament will be held 17 May in Leesburg, VA. Local intramural golf leagues start 7 May.

Please contact CPT Saxton or LTC Kuhblank by 12 April if you are interested in any of these activities.

Words Worth Repeating

"I have yet to find the man, however exalted his station, who did not do better work and put forth greater effort under a spirit of approval, than under a spirit of criticism."

By: Charles Schwab, industrialist



HEADS UP!

CYCLISTS TOO, MUST OBEY THE RULES OF THE ROAD:

- Obey all applicable traffic regulations, signs, signals and markings
- Observe all local ordinances pertaining to bicycle operation
- Keep right, drive *with* traffic, not against it. Drive single file.
- Watch out for drain grates, soft shoulders and other road surface hazards
- Watch out for car door opening, or for cars pulling out into traffic
- Don't carry passengers or packages that interfere with your vision or control
- Never hitch a ride on a truck or other vehicle
- Be extremely careful at all intersections, particularly when making a left turn
- Use hand signals to indicate turning or stopping
- Protect yourself at night with the required reflectors and lights
- Drive a safe bike. Have it inspected to insure good mechanical condition
- Drive your bike defensively, watch out for the other guy

Bike Safety Week April 17-23

Speeding Alert

Fort Belvoir's Military Police are cracking down on speeders driving on Post. First offenders can expect a fine of \$40 or more. Fines are paid to the US Magistrate. In addition to fines, speeders (both military and civilian) could lose their privilege of driving on Post as well as having their driving licenses revoked. — Sounds pretty expensive, so as 'Roy Rogers' says, "SLOW DOWN!"

Defense Budget

About 50% of our defense budget, quite properly, goes for personnel costs—salaries and retirement and medical benefits and food and a number of other things that are all necessary for the quality of life of our troops . . . Do you know what the comparable figure is in the Soviet Union? It is nine percent."

Statement by:

Caspar W. Weinberger,
Secretary of Defense,

Interview on "Freeman Reports"
(Cable News Network) 28 Jan 85.

GySgt Charles is Promoted to MSgt



GySgt Wayne Charles, USMC, was recently promoted to the rank of Master Sergeant in a promotion ceremony in Wheeler Hall.

MSgt Charles is an instructor in the Cartographic Compilation Division. Department of Cartography and Applied Graphics of the Defense Mapping School. His effectiveness in the classroom may be attributed to his jovial, easy-going attitude with his students. He teaches the Basic Cartography Course, Phase II which provides his

students with apprentice level skills and knowledge necessary to perform basic cartography and photogrammetric tasks.

In 1969, a year and a half after completing high school, MSgt Charles, wanting to do something spectacular with his life, enlisted in the U.S. Marines. His first assignment took him to Camp LeJeune, NC where he worked in Operations. Then off to the U.S. Naval Base, Norfolk, VA (1970-1975), Norfolk, VA where he was assigned to the Security Office followed by assignments to the Marine Control Group-18, Okinawa, Japan; USMC Recruiting Station, Harrisburg, PA; Camp Lejeune, NC as a Survey Section Leader; and to present assignment in 1982 as instructor at DMS. Throughout his career he has had an excellent record of achievements which includes medals of Good Conduct (4-Star) National Defense Service, and Sea Service Deployment.

MSgt Charles graduated from high school in New Orleans, LA. Most of his education in Cartography, Topographic Repair, and Basic Survey was through courses studied at Ft. Belvoir. In 1974 he completed his Staff Non-Commission Extension Course at Quantico, Virginia.

Off duty, he is an enthusiastic softball and football fan, loves to go motorcycling, and participates in activities with his wife and two small children.

By Irene Peine



Master Sergeant Lynton B. Jackson (USAF) is congratulated by Lt Col Swanson on his recent promotion, effective 1 March 1985. He is currently assigned to the Dept. of Graphic Arts. COL Hey, Chief of Graphic Arts stands at attention.

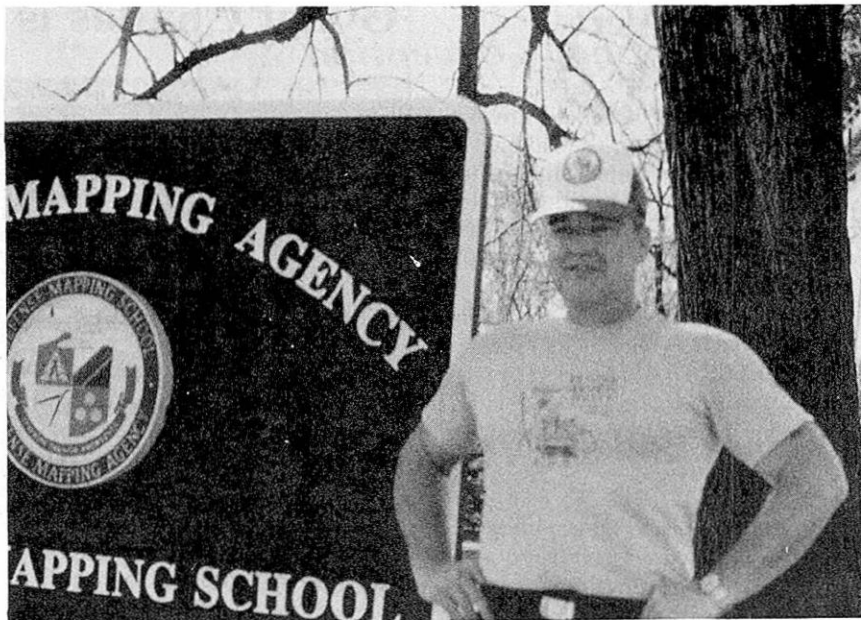
Vacancy Announcement

The Defense Mapping School has the following openings under the '85' Summer Youth Employment Program (Announcement 414): Office Draftsman, Computer Clerk, Clerk-Typist, Editorial Clerk and Laborer. Applications may be submitted to the Defense Mapping School, Attn: AMS-AP, Ft. Belvoir, VA 22060-5828. (DMS-AMS (703) 664-2853)

Picnic Time Is Here Again

The Department of Topographic Science is selling Defense Mapping School T-Shirts and hats to raise money for the annual DMS picnic. This year's picnic will be at the pavilion at Ft. Hunt Park on Saturday, June 15, 1985. It is shaping up to be as big a bash as last year, so mark your calendar and look for more information in next month's CONTOUR.

You may obtain your T-Shirt and hat by contacting CW2 Dannelly or MAJ Hovanec, TSD/TED, 4-2978 or 4-3972. The form provided may also be used for mail order.



MSG William Elliott (PBO), models one of the 1985 Picnic T-Shirts in hopes of enticing DMSers to purchase T-Shirts and hats. Fits him mighty fine, don't you think? Perhaps we all should order one!

DMS HAT, T-SHIRT ORDER FORM

DMS HATS \$5.00 each
Or \$4.00 with purchase
of a T-Shirt
COLOR: Blue and White
SIZE: Adjustable-one size
fits all

DMS T-SHIRTS \$5.00 each
COLORS: Red with White design
Grey with Blue design
SIZES: Children
(6-8, 10-12, 14-16)
Adult
(S, M, L, XL)

NAME: _____

ADDRESS: _____

ITEM (For T-Shirts include color, size)	(a) QTY	(b) Price (ea)	(a) x (b)
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			

Subtotal _____
For Mail Order Add 50c _____
Total (Pay this amount) _____

Make checks payable to: DMS ANNUAL PICNIC ASSOCIATION
Mail Completed Form to: DMS
TSD/TED ATTN: CW2 Dannelly
Ft. Belvoir, VA 22060-5828

National Image, Inc. will Host National Convention

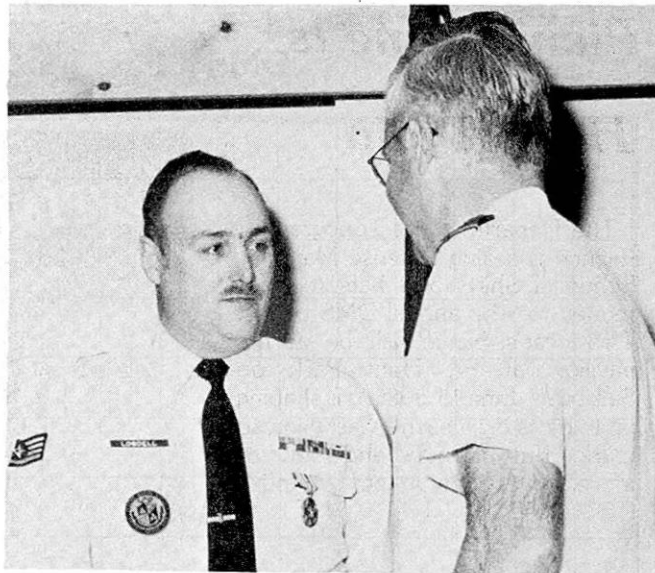
The National Image, Inc., a national organization concerned with the employment of Hispanics, will host the 1985 National Convention, May 28 to June 1. You are cordially invited to join over 2,000 members and guests representing Hispanics from all over the U.S. at the convention site in the Seattle Sheraton, Seattle, Washington.

National Image, Inc. is the fastest growing Hispanic organization with over 100 chapters nationwide, including the District of Columbia, Puerto Rico and the Virgin Island.

Attendance at the 1985 National Training Conference and Convention is expected to exceed previous years. Workshops will focus on tapes concerning employment, civil rights, and education.

As in the past, the Defense Mapping Agency will participate as an exhibitor and provide job opportunities information.

Mr. Salvadore G. Soliz, HQ DMA, (202) 653-1602/1608 or AUTOVON 294-1602, is your contact for further information regarding this convention.



SSgt James E. Lobdell (USAF) is awarded the Joint Service Commendation Medal for Meritorious Service while serving as Geodetic Technician, Geodetic Survey Squadron, Cheyenne, Wyo. He currently is assigned to the School's Dept. of Survey.

A Memo from the Secretary of Defense Subject: The 1985 Combined Federal Campaign

This year's Department of Defense Combined Federal Campaign of the National Capitol Area was a great success. We raised \$5,874,651, over 109 percent of our assigned goal. I congratulate the more than 92,000 civilian employees and military personnel for their generosity in support of this most worthwhile cause.

Your "caring and sharing" will go a long way toward alleviating pain and suffering among our less fortunate neighbors both at home and abroad. In addition to you, the contributor, the success of our campaign is also attributed to the leadership of DoD's administrators, coordinators, keyworkers and the campaign managers of our supporting agencies in the Washington area.

I would like to convey to each of you, on behalf of myself and the charitable organizations who participated in this year's campaign, our appreciation for "Catching The Spirit of Giving."

Caspar W. Weinberger
Secretary of Defense

Watch for a New Column Beginning Next Month

"Can You Top This?"

That's Right! — The Department of Topographic Sciences has come up with a challenge to all the other departments and staff offices to see who in the School has had the wildest experience in "real life."

The first experience in this series will be entitled "The Trials and Tribulations of Jack Batt". I have read the article and take my word for it — it is wild! I'm convinced if it happened to anyone it has happened to Jack.

By Irene Peine

WORD HUNT

DMS's Past and Present Personnel

R	E	L	K	N	A	L	B	H	U	K	L	O	C	T	L
A	D	N	E	C	A	Y	O	W	C	T	F	F	I	A	A
C	I	O	C	A	J	R	M	R	C	U	M	M	I	N	S
L	L	W	D	Y	M	A	N	O	U	H	A	Y	D	D	N
O	L	C	R	A	T	I	L	L	M	C	A	Y	O	W	E
T	N	E	S	U	A	H	K	C	O	T	S	L	O	C	E
E	K	K	L	O	E	K	K	I	U	M	M	R	U	U	R
E	S	M	A	Y	J	R	E	E	N	S	T	O	K	K	G
D	U	A	Y	C	W	O	M	I	L	L	E	R	M	N	J
I	A	B	M	H	T	I	F	F	I	R	G	L	O	C	A
E	H	E	A	M	R	T	Y	C	E	N	D	A	L	V	M
V	R	R	N	T	T	S	I	V	A	D	S	M	L	S	R

1. COL Stockhausen
2. CDR Slayman
3. COL Griffith
4. LTC Hey
5. LTC Kuhblank
6. MAJ Green
7. CWO Miller
8. CWO Yacenda
9. Mr. Cummins
10. MS Davis

By: SSGT T. D. Williams

DEFENSE MAPPING SCHOOL
 FORT BELVOIR
 VIRGINIA 22060
 OFFICIAL BUSINESS
 PENALTY FOR PRIVATE USE, \$300

POSTAGE AND FEES PAID
 DEPARTMENT OF DEFENSE
 DOD 326
 THIRD CLASS

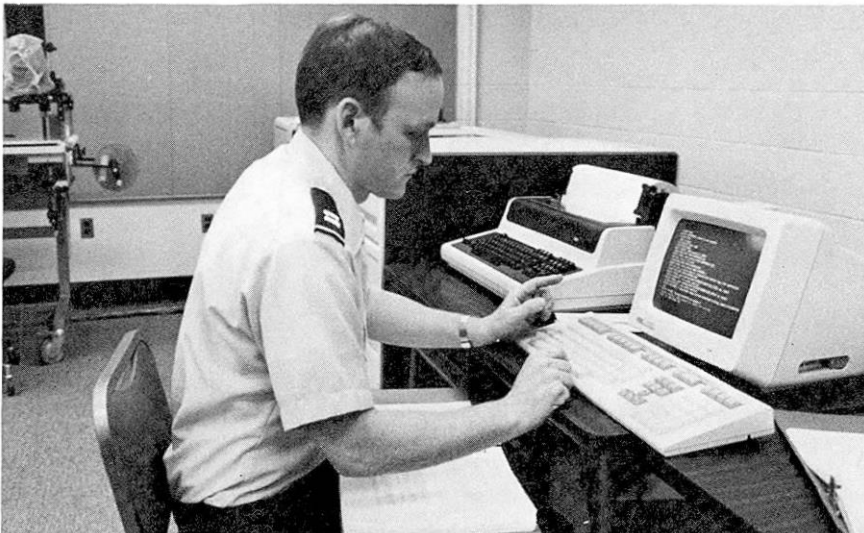
CONTOUR

Volume 12 Number 7

Defense Mapping School

May 1985

DMS Completes APPS IV Training Package

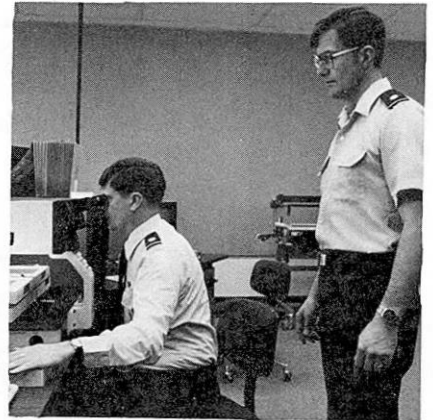


CPT Edward J. Wright, USA, developer of the APPS IV Training Package is working at the computer terminal. A sophisticated computer is a requirement to run the extensive software provided with the training package.

Room 203A in Wheeler Hall has been transformed into a High-Tech computer center with the recently completed installation of the Defense Mapping School's APPS IV training package. The package consists of two APPS IVs (Analytical Photogrammetric Positioning System), a high resolution graphics display system, a powerful VAX 11/750 minicomputer, and comprehensive software that makes it all work. The Department of Topographic Sciences will be using the APPS IV training package to train Rapid Strike Planning System

(RSPS) operators in support of the Tomahawk cruise missile program.

The working end of the system is the APPS IV analytical plotters. The APPS IV is a modern medium accuracy analytical plotter which is built by Autometric Manufacturing Inc. It is the latest in a line of progression of APPS instruments beginning with the APPS I. The APPS I has been taught at DMS for the last ten years. The APPS IV offers three times the measuring accuracy of the APPS I and works with the same Point Positioning Data Bases (PPDBs). The higher accu-



Maj Dolf C. Nation, USAF, is working with APPS IV. MAJ Robert S. Kirsch, USA, observes.



CPT Edward Wright is working with the VAX 11/750. The VAX 11/750 is the brains of the APPS IV training package.

racy is required for precise targeting of conventional cruise missile missions.

Measurements made on the APPS IV can be displayed on the high resolution AYDIN graphics for

See APPS IV, page 5

Award Ceremony March 1985

Meritorious Service Medal
Master Chief Petty Officer
William E. Portt

Master Instructor Certificate
Gunnery Sergeant Horace L. Eure

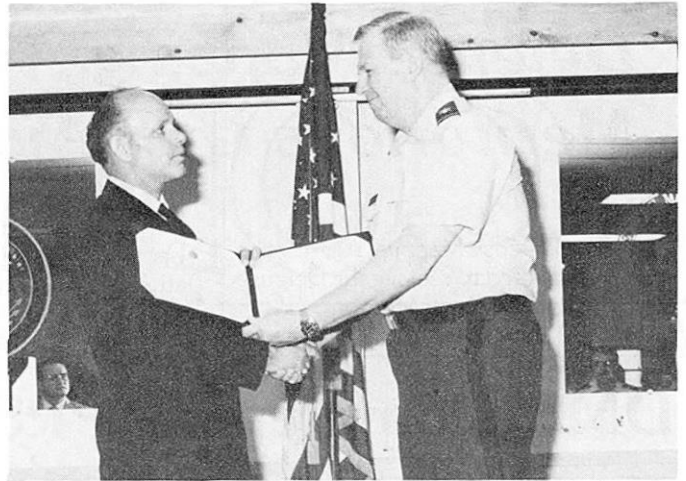
Senior Instructor Certificate
Staff Sergeant Carl M. Avant

**Commendation Certificate for
DMS Suggestion**

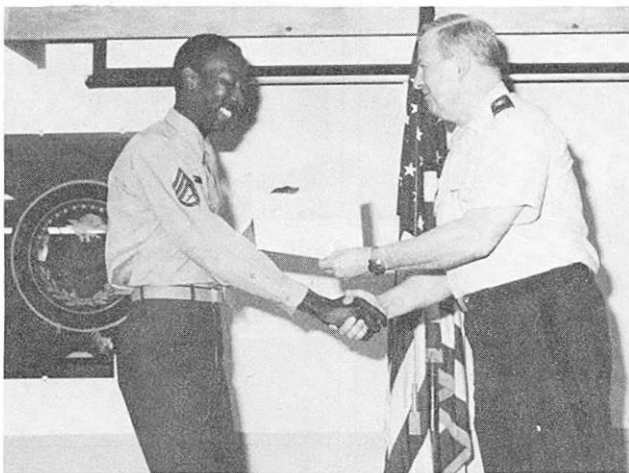
Mr. William H. Sutton

Certificate of Retirement

Mr. Robert M. Jones



LICM William E. Portt, USN, is awarded the Defense Meritorious Service Medal. He retired from DMS 31 Mar 85 with 26 years of military service. Chief Portt was the Chief Instructor of the Department of Graphic Arts.



SSG Carl M. Avant receives the DMS Certificate of Qualification for completing the requirements of the Faculty Development Program for Senior Instructor.



GySgt Horace L. Eure receives the DMS Certificate of Qualification for completing the requirements of the Faculty Development Program for Master Instructor.

Roll Call

Arrivals

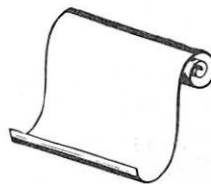
TSgt Peter W. Dunbar (GAD)
SP5(P) Bruce A. Farrington (TSD)

Departures

Ms. Tina G. Tripp (AMS)
Ms. Jean R. Sobieski (PBO)

Retirements

LICM William E. Portt (GAD)
Mr. Robert M. Jones (SD)



The Contour is an authorized newspaper, published monthly by and for the Defense Mapping School, Defense Mapping Agency. Views and opinions expressed in this publication are not necessarily those of the DoD.

Address all communication to:

Editor, Contour
Defense Mapping School
Fort Belvoir, VA 22060
Director
COL William Stockhausen
Editor: Irene Bellefeuille

Defense Mapping Agency Receives Meritorious Unit Award

The Defense Mapping Agency has been selected to receive the Defense Department's Joint Meritorious Unit Award — the first defense agency so honored.

A citation signed by Secretary of Defense Caspar W. Weinberger highlights DMA's "exceptional meritorious service from June 1982 to June 1984," during which DMA designed, produced and distributed new mapping products essential to successful military operations in support of deployments in Lebanon, Grenada and Central America.

The Defense Mapping Agency was also cited for "pioneering major advancements in state-of-the-art map/chart products and subsequent evolution to highly sophisticated technology and digital data products (providing) precise positioning of launch, target and electronic guidance data vital to the deployment and operational readiness of this Nation's modern missile and weapons systems."

Official presentation of the award will be made to Rear Admiral E.A. Wilkinson, Jr., Director of DMA, by Donald C. Latham, Assistant Secretary of Defense for Command, Control, Communications and Intelligence, as part of the Agency's annual Awards Day Ceremonies on May 23 at Bolling Air Force Base. DMA functions under the direction of Dr. Latham and is responsible to the Joint Chiefs of Staff for operational matters.

In announcing the award to DMA personnel, Admiral Wilkinson emphasized "my pride in this is the recognition of the long hours, night work and around the clock shift work performed by so many of you in the past several years."

The Admiral added: "Our modern technology has reached the point where no military unit, from an infantry squad or tanks, to a warship

or fighting airplane, to the most advanced strategic or tactical missile — or those in their electronic command posts — may function without the products generated by the people of the Defense Mapping Agency.

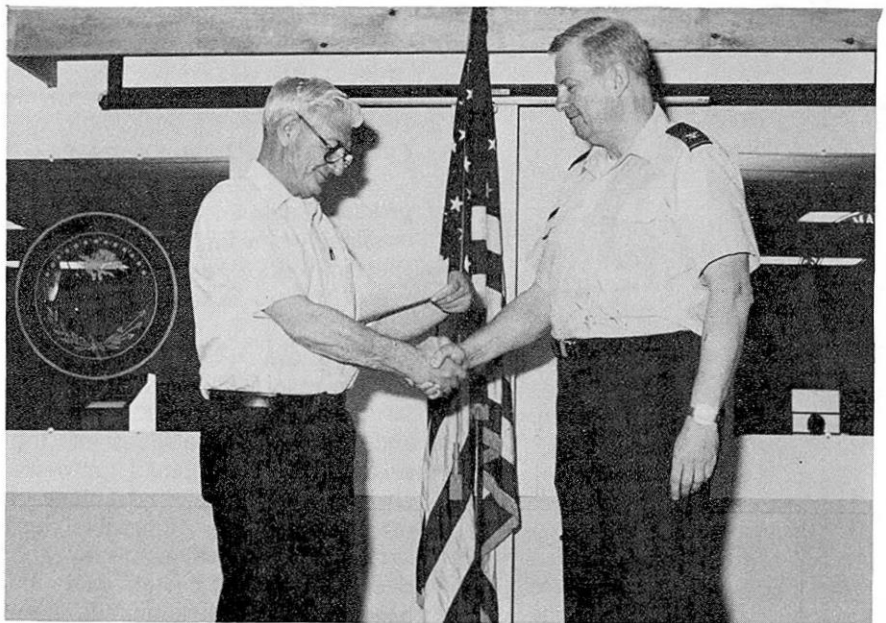
With some 8,000 civilians and about 450 military personnel from all services attached, the Defense Mapping Agency provides mapping, charting and geodetic support to the Armed Forces and other Department Agencies, including precise positioning data and digital data vital to strategic and tactical military operations and weapons systems. DMA also supports the worldwide merchant marine.

In a memorandum endorsing the citation, Dr. Richard D. DeLauer, the Under Secretary of Defense for Research and Engineering, wrote that "over the past two years, DMA has compiled a remarkable record.

All products required to support (deployment of) the Pershing II and ground-launched Cruise Missile were produced and delivered on time (and) all requirements for the Cruise Missile Program were met. Support to the U.S. Central Command in Southwest Asia remained on schedule and accelerated production in Central America in support of the U.S. Southern Command was initiated. Peace-keeper (MX) development, test and evaluation gravity requirements were met and surveys to meet similar requirements for Trident II were initiated. Numerous Joint Chiefs of Staff directed crisis actions were responded to on time."

Dr. Delauer noted "the support that DMA provides the Armed Forces is vital to military readiness and the national interest. These

See UNIT AWARD, page 4



Mr. Robert M. Jones is awarded the DMA Certificate of Retirement in recognition of 37 years and 3 months of Federal Government Service.

DoD Investigators Prove "Crime Doesn't Pay"

Defense Department investigators are making the adage "Crime Doesn't Pay" very real for people involved in everything from major contract fraud to automobile misuse and personnel abuse.

In just three years, the DoD Inspector General's office has completed more than 123,000 "corrective actions" on 41,000 internal audit reports. This saved some \$2.8 billion in taxpayer dollars. Another \$3.6 billion was saved by more than 2,400 corrective actions taken on General Accounting Office reports.

Auditors, criminal investigators, inspectors, and other specialists have worked on thousands of cases which resulted in perpetrators being fired, fined, and imprisoned. In some cases, the guilty have ruined their lives for just a few dollars.

Accepting a gratuitous package of beef valued at less than \$100 cost a former DoD quality assurance representative in Marysville, Mich. his job and much more. A federal judge gave the man a six month suspended sentence, two years

probation, and more than \$1,000 in fines.

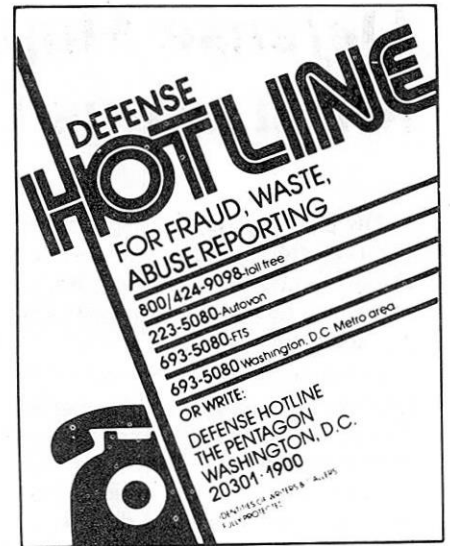
Accepting "favors" was the downfall of an employee at the Naval Research Laboratory, Washington, D.C. He accepted an automobile, \$12,000 in interest-free loans, and numerous other gratuities from officials of local trucking companies in exchange for the laboratory's transportation business.

A federal judge sentenced him to 18 months probation, 150 hours of community service work and a \$5,000 fine.

On the major contract fraud front, the Sperry Corporation of Minneapolis, Minn., was convicted of mischarging labor hours on two Air Force contracts involving the MX Missile Program. A total of \$30,000 in fines, \$650,000 double damages and \$167,000 in interest penalties were assessed.

A three-pronged campaign is underway to protect DoD resources from unscrupulous individuals and corporations:

—A "white collar" crime unit has



been formed.

—A special DoD and Justice Department Procurement Fraud Unit has been established.

—A new program to help defense employees prevent and detect criminal activity has been formed. More than 10,000 people have participated in the program so far.

Nearly 39,000 cases were opened during the past two and a half years, with about 17,000 of them referred for prosecution or administrative action. More than 13,000 convictions were obtained.



Mr. John Bassett, (DCAG) receives a Sustained Superior Performance Award from Lt Col Swanson.

UNIT AWARD from page 3

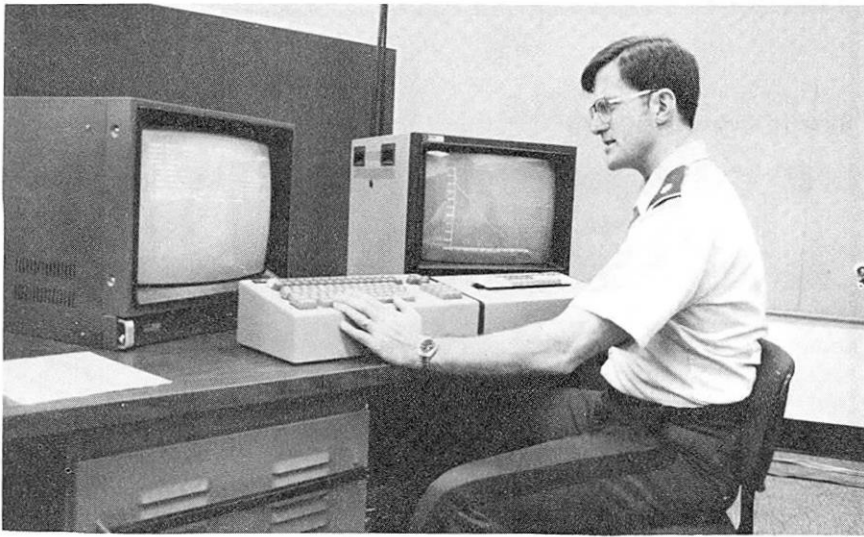
products, data and services must be available when the need arises or a specific, critical aspect of almost every military mission will not be met.

One of eleven Defense Agencies, the Defense Mapping Agency was formed in 1972, when the mapping and charting capabilities of the services were combined for more efficiency and to take advantage of the exploding technology which has led to computerized mapmaking and development of digital data for navigation and operational development of digital data for navigation and operational deployment of virtually all military units and weapons systems.

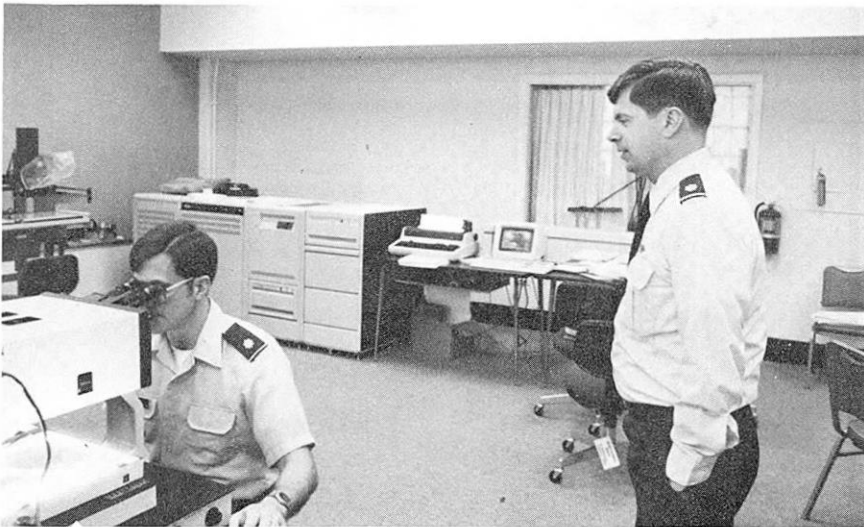
At the same time, DMA produces some 50 million copies annually of thousands of maps and charts, plus navigational publications for distribution to U.S. armed forces worldwide.

With a headquarters at the U.S. Naval Observatory in Washington, DMA operates five main components. They are: DMA's Hydrographic/Topographic Center and Office of Distribution Services in Brookmont, Md.; and Aerospace Center in St. Louis, Mo.; the Defense Mapping School at Ft. Belvoir, Va.; and the Inter American Geodetic Survey in San Antonio, Texas.

Other DMA personnel serve in some 50 locations around the world.



MAJ Robert Kirsch performs analysis and editing on the AYDINS Graphic.



MAJ Kirsch is working at the APPS IV. MAJ Nation is standing and observing. The VAX 11/750 computer is in the background.

APPS IV from page 1

analysis and editing. The AYDIN graphics processor displays images of 1024 by 1024 pixels on either a black and white or a color monitor. The color monitor is capable of displaying up to 256 different colors.

The brains of the training package is the VAX 11/750 computer. VAX stands for Virtual Address Extension. That means that although the physical memory in the computer is a "mere" 2 million bytes, the

computer hardware and operating system act like there is "virtually" unlimited memory. Attached to the computer are terminals, a printer, a tape drive and approximately 400 million bytes of hard disk storage. The computer in its present configuration will support four simultaneous users each performing complex tasks.

A sophisticated computer is a requirement to run the extensive

software provided with the training package. The software, written by **McDonnell-Douglas** Astronautics Company, consists of a major portion of the Rapid Strike Planning System software with enhancements to facilitate training on the APPS IV. The software, which is remarkably user friendly, guides the user through the complex tasks of measurements on the APPS IV and analysis and editing on the AYDIN graphics. Altogether the software contains roughly 400,000 lines of source code.

TSD is currently performing task analysis and developing the two-week APPS IV operators course which is scheduled to be taught for the first time in August. Upon graduation from the APPS IV course, students will continue their RSPS training at other locations and then serve a tour at one of the Theater Mission Planning Centers which support the Tomahawk cruise missile program.

The APPS IV training package offers DMS instructors and students an opportunity to work with modern high technology systems in support of a program vital to the nation's defense.

—By CPT Edward J. Wright

MOTHER'S DAY

May 12



News Briefs

DMS Wins Five Times Out of Six

For the fifth time in six years DMS will be rewarded for its achievement in the DMA Suggestion Program in the 12th Annual DMA Awards Day ceremony to be held 23 May at the Bolling Air Force Officers Club. The award is based on the most adopted suggestions per capita for fiscal year 1984.

To achieve this same successful achievement for fiscal year 1985 all DMS supervisors are urged to encourage active participation in this program by all military and civilian employees. Not only is participation in this program good for the school it just might put extra money in the pocket of the suggester.

At the end of the second quarter '85 the staff leads in suggestions in the DMS Suggestion Program. The Dept. of Topographic Sciences is in second place and the Dept. of Cartography and Applied Graphics, the current holder of the DMS Plaque, is trailing behind. Will DCAG be forced to relinquish their coveted plaque???

MC&G Conference will be Held at Cameron Station

The Defense Mapping Agency will host the 1985 DoD MC&G Conference at the Defense Logistics Agency, Cameron Station, Alexandria, Va. 7-10 October 1985. Attendance is limited to military and civilian employees of the U.S. Government. Secret clearance is required.

The 1985 conference will be divided into two parts. The first part will be a limited attendance forum, to include round table discussions of MC&G issues by U&S commands, services, and DMA planners. The second part will be a general attendance symposium for all conference delegates consisting of workshops and seminars.

Addressees are requested to

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DMS ANNUAL PICNIC



YOU'RE INVITED
DMS ANNUAL PICNIC

DATE: Saturday, 15 JUN 1985
WHERE: Ft. Hunt Park
TIME: 12:00 Noon till dusk
WHAT: Sports, games, music, good food and drink

The picnic will be preceded by a 5k fun-run/walk at 11:00 AM. The 5k run will offer prizes in each of several age groups starting with 5 year olds.

Picnic activities will include children's activities and games with more chances to win prizes.

Tickets are \$1 per person or \$2 for a whole family. See your Sr. Instructor for tickets or mail requests to:

Defense Mapping School
ATTN: ISD (PICNIC)
Ft. Belvoir, Va. 22060

Make all checks payable to the DMS Picnic Fund.



submit discussion topics with an explanatory paragraph to reach HQ DMA/PRP not later than 7 June 1985. Explanatory paragraphs should indicate the issue, background, and objective of the proposed discussion. Addressees must indicate which session (executive, planners round table or workshop) each topic is intended for.

Addressees desiring to make presentations during the seminar sessions are request to submit titles

and abstracts to HQ DMA/PRP not later than 14 June 1985. Names of authors/presenters must be included. Selected presenters will be notified by 15 July 1985.

Further information, including a preliminary conference agenda will be provided in the coming months. The conference coordinator is Lt. Col Stephen Pedone, HQ DMA/PRP. Questions concerning conference matters may be directed to Lt Col Pedone or to Mr. Paul Bergford, telephone: (202) 653-1465 or Autovon 294-1465.

Leadership

No matter what a leader's rank or organizational level, each leader has the same obligation. That obligation is to inspire and develop excellence in individuals and organizations, train members toward professional competency, instill members with a spirit to win, see to their needs and well-being, and to set standards that will encourage those they lead to excel.

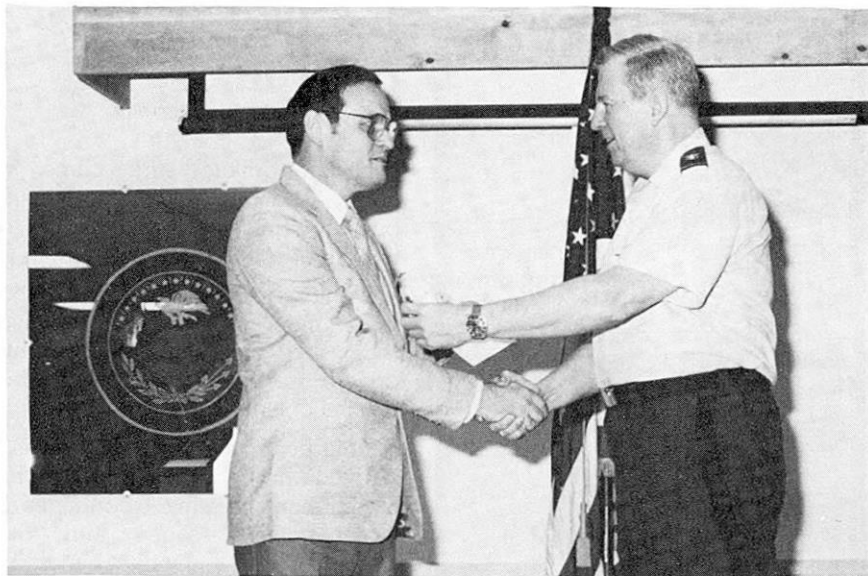
Army Emergency Relief Campaign

The 1985 Army Emergency Relief Campaign will be conducted at Fort Belvoir 1 May 1985 through 12 June 1985. This is the one opportunity during the year that the Fort Belvoir Community can actively support the Army Emergency Relief Fund. During 1984, AER provided over \$132, 700 in emergency financial assistance to Army people in the Fort Belvoir Area.

Thank You

I would like to express my sincerest gratitude to those of you who expressed your sympathy and assistance in the recent passing of my father. Your thoughts and concern are appreciated and your friendship during my loss will be remembered forever. Again thank you.

June E. Clay



Mr. William H. Sutton is awarded a DMA Commendation Certificate and Monetary Award for his DMS suggestion to change the latest state-of-the art film and chemistry for use in the 740-306/309 course. Mr. Sutton proposed using ultratec film and one-part chemistry, in lieu of the two part developer presently used in the DMS courses in photolithography. Ultratec eliminates the need for mixing different chemicals, storage requires only one container, tray life of the chemistry is extended, and the student can process film at a fast speed, increasing the production rate. The tangible benefit for DMS is \$22,849.

Telephone Usage and Control

All telephones at DMS are for "official government business" **only**. The Telephone Control Officer (TCO) for DMS is Mr. Chesley F. Cummings, Chief, Office of Admin- and Mission Support. It is the responsibility of all members of DMS to inform the TCO of all overseas Autovon calls; all commercial calls that will be placed through a Fort Belvoir operator; and any collect calls accepted.

Once informed of such calls, the TCO will supply a Telephone Control Number to each individual call. This number will be furnished to the Fort Belvoir operator upon request. The TCO will need the following information before assign- a Telephone Control Number.

1. Date of placement of call.

2. Telephone number of party where call originated or, in case of a collect telephone call, where the call was accepted.

3. The person placing call or person accepting the collect call.

4. Telephone number of party called, or telephone number of the party calling collect.

5. Identification of party called to include location (city and state.) Identification requirements are the same when accepting a collect call.

Charge-back calls to a DMS telephone requires the same information as noted in one through five above. In addition, all three parties in a charge-back call must be identified as above and a Telephone Control Number assigned

FOR THEIR SAKE...



BUCKLE UP

Safety Sayings

Prevent Medication Poisoning

According to the Consumer Product Safety Commission, 36 per cent of all prescription drugs swallowed by children under age five involve grandparent's medication. Children often think it is candy. Having two small grandchildren, makes me more concerned about the health and welfare of children. I just hope that I am conscious of the little things that they might get into when they are curious. I have to be even more careful because my 4-year old grandchild lives in my home.

It is said that small children gain access to grandparent medication when they come to visit or when grandparents visit their grandchildren. Grandparents should use child-resistant bottle-top closures whenever children are around. I know that these tops may be difficult to use, but the inconvenience is worth the trouble. It may save a child's life. Treat the medication as poison; to a child it could have the same effect.

If a poisoning should occur, call the nearest poison center. In the DC area call the National Capitol Poison

It's Not Always a Drunk

Drunk drivers sure come in handy. They are held in low esteem but are useful—particularly to writers of traffic safety articles.

Don't get me wrong. People who drive under the influence deserve their bad reputation. But drunk drivers are not the only ones who have accidents.

That occurred to me one day as I weaved through noon-hour traffic. My left hand clutched a container of sweet-and-sour sauce and the steering wheel. In my right hand was a piece of chicken and the gear shift. A real two-fisted diner/driver. Sober? Yes. Safe? No.

What about other questionable driving habits?

How about the animal lover who buckles up religiously and then lets her poodle jump all over a car which is travelling at 55 mph (or more)?

Or the teenager down the block, windshield covered with decals and

hanging interior decorations, who can barely see the street in front of him/her?

My sister wouldn't dream of driving after even one martini. But she routinely turns her head toward the back seat to yell at the kids—without stopping the car.

Ever notice the glamour girl who watches the rear view mirror as she drives and applies lipstick?

Let's not forget the young lovers. Wrapped around each other like romantic squids, they leave no room to react in an emergency.

Drivers who keep the morning paper beside them and glance at it while the car's moving also rate a mention. So do those breakfast-time drivers who try to balance a cup of steaming coffee on the dash.

By now you've gotten the message. Traffic fatalities aren't always drunks or their victims. Sober citizens also can be at fault. Not leering luses, but ordinary people who forget that driving is a skill demanding every bit of a motorist's attention.

—By Diane Felder

Fort Dix, N.J.

Control Center at the Georgetown University Hospital (202)625-3333. If you live on Post at Fort Belvoir, call the Dewitt Community Hospital Emergency Room (654-1938). In other areas NCPC number is usually found on the inside front cover of the telephone book. Describe the drug (it is probably on the drug container) and take measures prescribed by the medic or bring the child to the hospital.

This same information applies to adults and teens who may be using an unknown medication or drug. If you want more information on this subject you may call the Georgetown University Hospital NCPC at the number listed above.

1. Keep household chemicals and medicines out of the reach of children and locked up when not in use.

2. When you use household chemicals or medicines, never let

them out of your sight, even when you answer the telephone or the doorbell.

3. Store all medicines separately from household chemicals.

4. Keep items in their original containers.

5. Leave original labels on all products, and read the label before using.

6. Always leave the light on when giving or taking medicines.

7. Avoid taking medicines in front of children since youngsters tend to imitate grown-ups.

8. Refer to medicine as *medicine* not *candy*.

9. Clean out medicine cabinet when the illness for which it was prescribed is over.

10. Use safety packaging properly by closing the container securely after use.

By Arthur N. Fleshman
DMS Safety Officer

Can You Top This???

Here it is folks — Just as promised — The new column. And folks if you can top this one, this column will be a wild success. Enough said — Let's get going with:

“The Trials and Tribulations of Jack Batt”

By none other than “Jack Batt” himself

Artwork by CPT Alan Waitkus

Scene I

Let's set the scene. It's late May 1967, the place: the Mess Hall at Drake Kaserne in Frankfurt, Germany. The then SP 4 Jack Batt picks up a copy of “The Stars and Strips” and reads with interest the story on the front page. “**Adenauer to be given World Sendoff**”. Chancellor Adenauer of Germany had passed away the day before. The paper laid out the details of the big funeral. VIP's from all over the world would be flying into Bonn (the capital of West Germany) the next day for some sort of summit meeting in Bonn and directly after the meeting they would travel by motorcade to Koln for the funeral. The distance from Bonn to Koln is about 16km (10 miles).

We will now switch to the present tense as Batt (myself that is) says to Al (who is sitting at the same table in the mess hall lapping up his (SOS) “Hey Al, what do you say we travel to Bonn and see what's going on?” (we were both on 3-day re-enlistment passes at the time). “Then we can drive up to Koln and see the funeral also. How many people could do both?” Al agreed and the plans were made for the following day for our 120km trip to Bonn.

Scene II

At the break of dawn the next day, Al and I climbed into my 1953, gray with a silver racing strip, Volkswagen Beetle (yes folks—this was my first VW!) The car itself was not exactly one made for funerals considering the gray paint job was applied with a five inch paint brush. We had only one break down on the way and that was on a bridge going into Bonn. Needless to say we tied up traffic

pretty bad. Just imagine how long it takes to remove a gas tank, clear the clogged filter and reinstall. Get the picture!

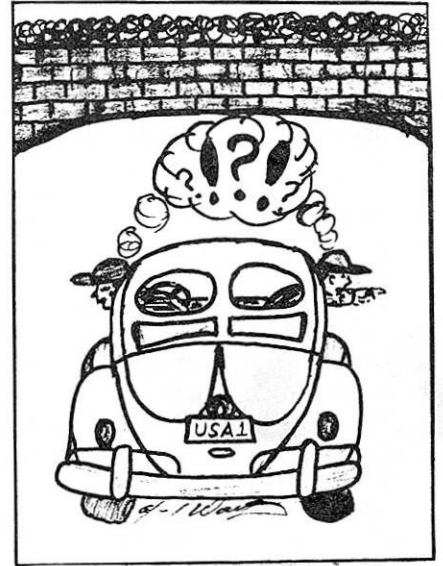
The scenario for the day was simple. We easily made the first part. We saw many famous people drive through the main gate of the Capitol Building in Bonn. Just to name a few, there was **Haili Salasi** (Ethiopia), Charles de Gaulle (France), Harold Wilson (England) and of course Lyndon Baines Johnson (USA) - good ol' LBJ. It was by luck that we happened to be on the side of the street near LBJ's secret servicemen then we overheard them say “Let's go.” A polite secret service man told me “Yes, we're on our way to Koln now.”

Al and I ran to our car, hopped in and proceeded (or so we thought) to drive to Koln at the same time. Our first “obstacle” was a German policeman who told me that I was not allowed to drive on the autobahn that connects Bonn and Koln because it was closed to the public and that only VIPs and their motorcades were allowed to use it.

A VIP motorcade is set up in a fashion that prevents mass casualties in the case of a terrorist attack. There are for each VIP five shiny white motorcycles with policemen in superclean white uniforms riding in front of a shiny black Mercedes escort vehicle which travels in front of another shiny black Mercedes that carries the VIP in it. These sets of vehicles travel 1,000 meters apart. In other words every 1,000 meters is a VIP.

Scene III

Now on with the story. At this



point we started thinking. “VIPs — Could we quality? Not really, but why not? American GIs are important people too!!!”

I said to Al, “We'll just go up the road a bit and get on the autobahn there.” And that we tried. Now start using your imagination. Think of any parade you've seen over the years — our hostages coming home from Iran, Inaugural parades, Redskin parades, etc. The streets are lined with people, security everywhere, and wooden horses to hold back the people and vehicles. Get the picture? Good! That's the way it looked.

When I made my first assault on the closed autobahn, a German soldier told me that I would have to turn around, go back a couple of

See JACK BATT, page 10

JACK BATT from page 9

blocks to where there was a place where we could cross the autobahn and then to just follow that road to Koln, but it would be twice as far. We figured we may as well give it a try. We crossed the autobahn at the designated crossover and started to "push it." Because we were in the business district of Bonn, there were many access roads to the autobahn. About two miles up the road we were told to take, the road forked. Low and behold, I made a wrong turn and found myself right back at the closed autobahn.

Assualt 2 — This time I was on a one way street. A German soldier guarding the entrance to the autobahn agreed to allow me to go on the autobahn for a distance of about 100 meters and then take a right hand turn and that would get me back to where I should be. (I was sure lucky that everyone I talked to spoke fairly good English). As I started to do as directed, he said, "Ein (one) moment." The one moment was to allow the Harold Wilson motorcade to go by. You could not mistake his profile. As soon as he past, the German soldier said, "Go, macht schnell (fast)."

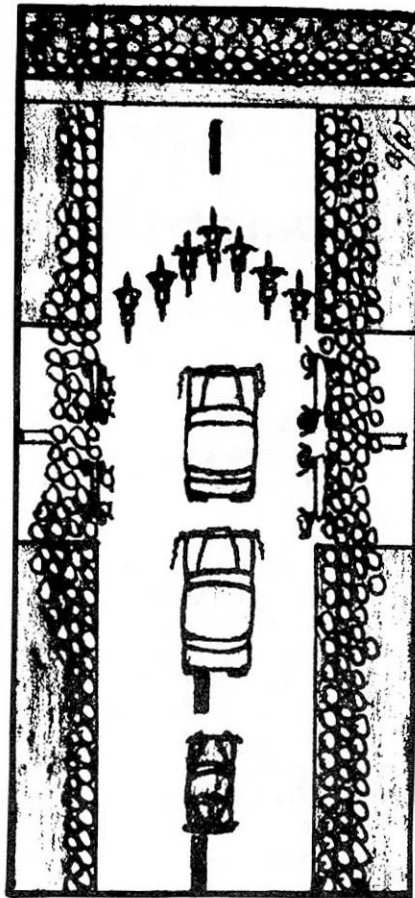
Scene IV

As soon as we were on the autobahn all I saw was people, thousands of them — people to the left, people to the right, people hanging out of buildings, people everywhere. "You know, I never did see that right turn."

My battered gray and silver bug just went tearing down the autobahn getting more astonished looks than one could ever imagine. German policeman, in rythmic military fashion snapped to attention as we went by and then, losing all military composure, looked a second time, and stared in complete disbelief. As for us, well a, well, we were laughing our . . . bug off!

Scene V

We had about seven miles left to Koln when we notices something ahead. "Uh-oh! what's that? Why it's the Harold Wilson motorcade."



In no time we were right behind good old Harold. People weren't looking at him—they were looking at us! As we continued on, the crowd got thinner, and then almost no people were along the wayside. Al and I had stopped laughing and were wondering exactly where we were heading and what trouble we might be heading for. About that time we noticed a couple of kids on bicycles. They stopped, stared, and one nudged the other and pointed at us. One kid came to attention and threw his arm straight out in "Heil Hitler" fashion. This started us laughing all over again.

Now back to serious thinking—do we follow old Harold right up to the church? No that wouldn't do. However, when we got within the city limits of Koln we were still bugging right along behind Harold.

Suddenly I remembered that after the Wilson motorcade drove into Bonn, the LBJ motorcade followed. In big events such as this VIP's have

what is called "The Order of the Day."

As we approached Koln, I looked into my rear view mirror, as I had been doing almost constantly, and saw a car coming behind us at a rather high rate of speed. It was just a dot in my mirror and was getting bigger. Then it really hit me. Panic! The President of the United States is just one kilometer behind me. Here I am in a place where I don't belong, in a car with US Armed Forces license plates, during a time when Vietnam was making LBJ very unpopular. I could just see the headlines—"John Batt, potential assassin."

The road turned gently to the right and over a small hill and there was an exit ramp. My escape route! I zapped down the exit ramp keeping my eyes glued on the rear view mirror. I saw the blur of a Mercedes—was it looking for me? Safe? No, there in front of us at the bottom of the ramp was a wooden horse, a police car and a burly looking German policeman, his back to us, hands behind his back and rocking back and forth on his feet. He heard my by bug rumbling down the hill, turned and did a classic double take when he saw us coming down the ramp from the forbidden autobahn. I rolled down my window and asked him, in what I thought was my best German, "How do we get to downtown Koln?"

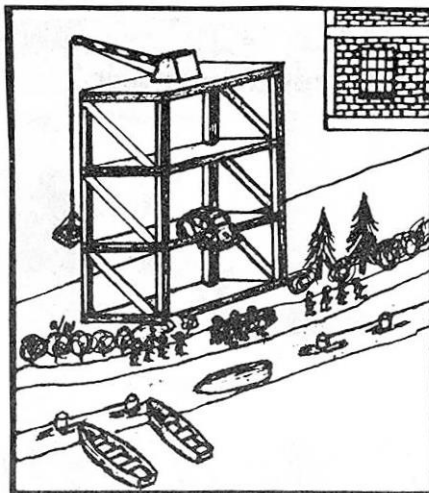


Ego buster time—he answered me in English! Upon our simple request that we be allowed to go back on the autobahn, the policeman said, "No!" in every gesture and word known to man and abruptly told us where to go.

Scene VI

We knew from the accounts in the paper that there was going to be a church service in the Koln Cathedral (a massive church) and that all the VIPs were going to walk with the funeral bier approximately 300 yards to a dock where the casket and family members would board a small boat, and sail up the Rhine River to Audenauer's birthplace for burial. The VIPs would say farewell from the dock.

Since the whole purpose of this adventure was for us to see everything we attempted to do just that. Unfortunately there were thousands of people in all the good vantage points. Then we noticed a building under construction just opposite the dock. We managed to get inside the building, and climbed



up to the second floor. That's right! We had the absolute best view of the whole procession.

Scene VII

We left Koln knowing that somewhere, someone was asking a

lot of questions as to who we were and especially, where did we disappear to? Just outside of Koln and on the autobahn to Frankfurt we noticed two kids again. One kid poked the other, pointed at us and both waived vigorously. We waved back—were they the same two kids that salutes us earlier with the ol'heil Hitler? I wish I knew.

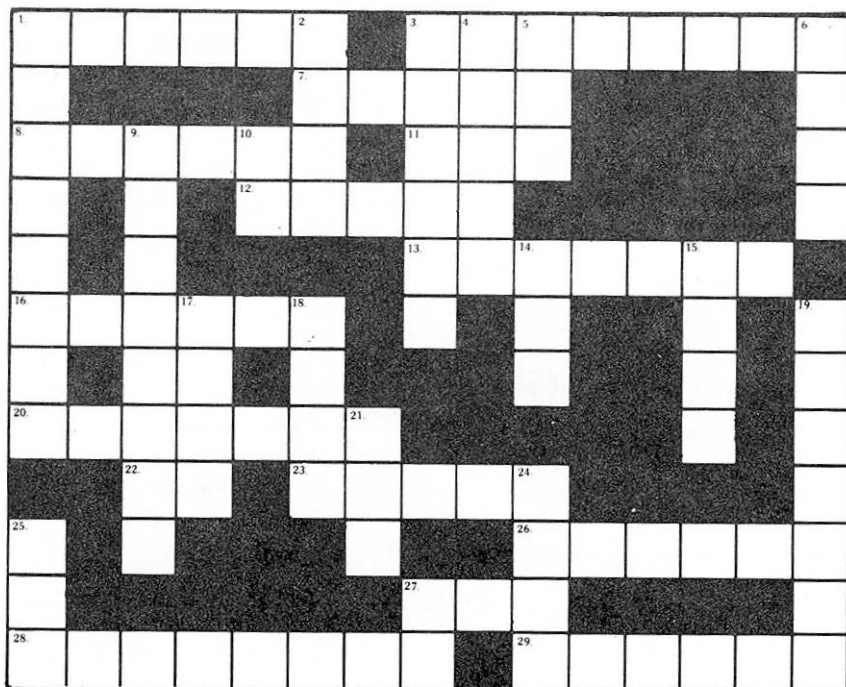
Scene VIII

So now it's a week later, I'm home in the states and telling this story to my shocked friend Ed. He kept saying "Jack, you're kidding me!"

After about twenty times of him saying "You're kidding me" I said, "No, I'm not kidding, why?"

Ed said, "mother said that she was watching the funeral coverage on television and saw this Volkswagen in the procession and was wondering why it was there!" To this day I wonder. . . .

CROSSWORD PUZZLE



ACROSS

- 01. UNDO
- 02. A line connecting points of equal atmospheric density.
- 07. A line on a map connecting points of equal pressure.
- 11. Metal
- 12. Join
- 13. Organic compound derived from coal tar.
- 16. Linear
- 20. Sideward
- 22. Concerning
- 23. Document
- 26. Borax
- 27. Limb
- 28. Aiming
- 29. Scan

DOWN

- 01. New
- 02. Darnel
- 03. Contour line of equal gravity values on surface of earth.
- 04. Foghorn
- 05. Glucid
- 06. Engrave
- 09. Agent
- 10. Morning
- 14. Millryno
- 15. Knot
- 17. Shoal
- 18. Envelop
- 19. Weightiness
- 21. Poem
- 25. A unit of acceleration equal to 1 centimeter per second.
- 27. Army's small dup shop.

By: SSGT T. D. Williams

**Safe
Deposit.**



Most people look for a safe place to deposit their money. A place where they can keep an eye on it.

Well, buying U.S. Savings Bonds is a safe and easy way to a safe deposit. Because Bonds can be replaced if lost, stolen, or destroyed.

Plus, Bonds offer guarantees: a guaranteed way to save, through the Payroll Savings Plan; a guaranteed interest rate; and guaranteed tax benefits. All guaranteed by America.

Add it all up. U.S. Savings Bonds are the safest deposit.

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**Take
stock
in America.**



ARMED FORCES DAY



May 18



DEFENSE MAPPING SCHOOL
FORT BELVOIR
VIRGINIA 22060
OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

POSTAGE AND FEES PAID
DEPARTMENT OF DEFENSE
DOD 326
THIRD CLASS

CONTOUR

Volume 12, Number 7

Defense Mapping School

June 1985

We're Here to Serve

by Wilma Pacey

You may not be aware of it but the Office of Programs, Budget and Operations (PBO) is involved in almost every phase of the Defense Mapping School. Headquarters for the Defense Mapping Agency requires PBO to program and manage all the resources and funds for the School. This requirement has a daily impact on everyone at the School covering such areas as: preliminary plans, staffing standards, program analysis, fund obligation, data collection, generating reports and briefings for the Staff, Director and HQ DMA.

We'd like you to meet the members of the PBO staff: Penny Greer watches over the class rosters, recycles and student drops. She answers requests for college transcripts of students who have graduated from our classes. It is her pleasure to enter information into one of the databases, created to track class information on the students. Penny works with Mr. Ed Franke who generates the "White Book" which contains course schedules and the quota allocations for start dates and close dates and MOS skills required over a three-year span. He meets Armed Service representatives to formulate classes based on the various Service student requirements. Ed also answers telephone questions from around the

See PBO, page 3



Captain Siegfried Muller, Leiter Militarisches Geowesen; LTC Dr. Ulrich Barner, FMOD; COL Stockhausen, DMS; and Colonel Juergen Denker, Leiter Militarisches Geowesen.

German Delegation Visits DMS

The German Officials (*above*) were the honored guests of the Defense Mapping School, April 24. Colonel Hermann Scheuerer, General Army Office (*not shown*), also a party of the German Delegation was not able to attend on the 24th, however a special tour, hosted by Lt Col Swanson, DMS Deputy Director, was conducted April 29th in his honor.

The German officials were very pleased with the hospitality shown by Colonel Stockhausen and his staff. Upon Colonel Denker's return to Germany, May 2, he expressed his appreciation in the following letter sent to our Director:

"Dear Colonel Stockhausen,
Upon return to Germany I want to

thank you for all the hospitality, the cooperation spirit and friendship you rendered to the German Delegation and especially to me on the occasion of our visit last week.

Please express my thanks to your staff as well for the outstanding preparation of that visit and briefings we heard.

I am sure that the results of our discussions will contribute to the execution of our mission to the benefit of our two countries, of NATO and of other Allies as well.

Best wishes and regards

Sincerely yours"

Award Ceremony April 1985

Military Award

SFC Douglas K. Briggs
The Army Commendation Medal

Master Instructor Certificate

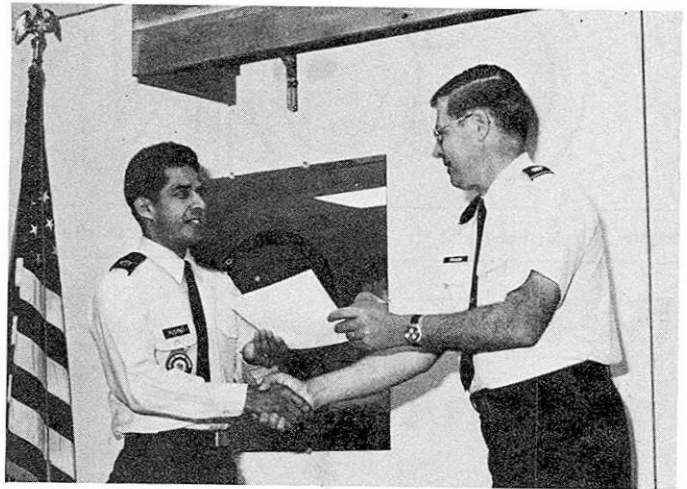
SSG Gary L. McGuinness (SD)
SSG Michael A. Noderer (DCAG)

Senior Instructor Certificate

SSgt Jack O. Castle (DCAG)
SSG Enrique Rudino (DCAG)
SSgt James K. Yates (SD)
Mr. Daniel B. Wilson (SD)

Civilian Performance Appraisal

Mr. Thomas J. O'Brien (GAD)
Sustained Superior Performance Award



SSG Enrique Rudino, US Army, is awarded his Certificate of Qualification for Senior Instructor. He is assigned to DCAG.



SSG Michael A. Noderer, U.S. Army, is awarded the DMS Certificate of Qualification for Master Instructor. He is assigned to DCAG.



SSgt Jack O. Castle, U.S. Marines, is awarded his Certificate of Qualification for Senior Instructor. He is an instructor in DCAG.

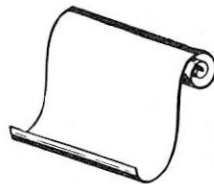
Roll Call

Arrivals

MSG James Cain (GAD)
LICS Robert Carr (GAD)
GySgt Bill Joynes (DCAG)
SSgt Steven Woosley (DCAG)
Ms. Ricky Blas (AMS)
Ms. Melinda Frank (AMS-L)
Ms. Lynn Keleher (PBO)

Retirements

SFC Grant Carpenter (GAD)



Departures

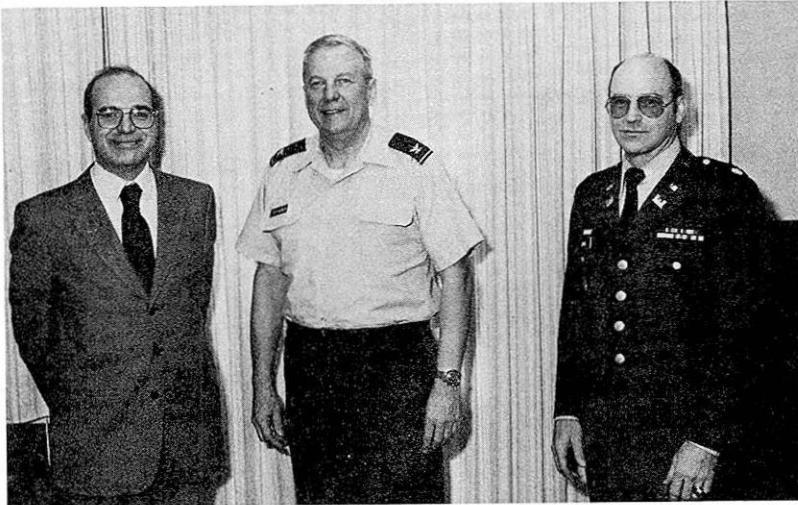
SFC Donald Walters (GAD)
Ms. June Clay (AMS-L)
MAJ Robert Kirsch (TSD)
SSG Sandra Rivella (DCAG)



The Contour is an authorized newspaper, published monthly by and for the Defense Mapping School, Defense Mapping Agency.

Views and opinions expressed in this publication are not necessarily those of the DoD. Address all communication to:

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Defense Mapping School
Fort, Belvoir, VA 22060
Director
COL William Stockhausen
Editor: Irene Bellefeuille
Assoc. Editor: Kristi Yeargin



Visitor from Italy. Lieutenant Colonel Maurizio Pampaloni from the Instituto Geografico Militare, Italy, was a recent visitor at the Defense Mapping School. Pictured with him is Colonel Stockhausen, DMS (center) and MAJ Jens, HQ DMA (right).

PBO from page 1

world about proper procedures for enrolling in DMS classes.

Lynn Keleher recently transferred from the Navy Department to take charge of our Management Information System (MIS). She will be coordinating, maintaining and managing four major systems—Logistic Management Systems, Manpower Reporting System, Academic Reporting System and the Student Grade Sheets.

Marine Corps Capt Robert Burrows is the Operations Officer. His field of expertise includes Health and Safety, Mobile Training Teams, regular and residential classroom scheduling, advanced training and real property management. He is responsible for new construction work and the Five Year Real Property Management Administration Plan. He also works with DEH and The Corps of Engineers on architectural and engineering contracts.

SGM Phillip Tarr recently took over the duties of the Operations NCO. Up until last week, this job was handled by MSG Elliott. Anything affecting students, such as remedial training, academic probation, graduation certificates, "Mom and Pop" letters, and being a general

problem solver is his domain. SGM Tarr handles the Director's schedule book which allots usage of classroom space. He also maintains the board showing class starts each week. Work orders for technical teaching materials and outside orders for training aids are some more of his tasks.

The Budget Analyst, formerly Doris Garnett and now Mary Moton, is responsible for budgeting operations and maintenance (O&M) funds. These funds are for supplies, parts, minor equipment and payment of personnel salaries and travel expenses. Reimbursable funds covering foreign military students and expenses between DMS and Fort Belvoir are part of the package. The Budget Analyst and Program Analyst, Wilma Pacey, put the Program Objective Memorandum (POM) together each year. The POM reflects all aspects of resources and funding required for a five-year plan.

Wilma finalizes programs including: Goals and Objectives, Internal Management Control Program, Staff Briefings, Long-Range Planning and Management Improvement Actions (Cost Avoidance/Cost Reduction).

The Management Analyst, Helga

Yovorsky, is responsible for the review and preparation of the Joint Manpower Program (JMP). She evaluates all requests for manpower changes and submits recommendations to the Director. She also compiles data such as manpower expenditures and platform man-hours and conducts analyses to assist in the planning, programming and budgeting for manpower.

The very busy, cheerful secretary, "Cris" Becerra rushes from one task to the next typing, filing, coordinating and enduring the heavy workload for the group.

Supervising this diverse group of people and activities is Lt Col Milton W. Ritchey. He has been the Chief of PBO for the last two years and considers the job one of the best he has ever had. According to Col Ritchey, "It is very rewarding to see important projects being accomplished through the actions of the people you supervise."

The fields of expertise required are varied; but as you can see, it all weaves together to cover the actions required to fulfill our PBO mission.

Summer Hire Roll Call

Along with the warm weather, the sometimes-working air conditioner, and the DMS picnic, summertime brings us summerhires. Some of this year's recruits have already checked in . . . and more are on the way!

Those who have already started their "summer-hiredom" are:

Patricia Bowe (TSD)
Chris Thoureen (TSD)
Bernard Watts (DCAG)
Maria Bumbrey (DCAG)
Tammy Shelton (PBO)
Kristi Yeargin (OD)
Jennifer Bowker (TDE)
Steven Desrochers (TDE)
Amy Young (TDE)
Daniel Noble (GAD)

Lewis Appointed Equal Employment Opportunity Officer

by Irene Peine



Mr. William M. Lewis

Equal Employment Opportunity Officer

Mr. William M. Lewis, an Education Specialist in the Office of Training Development and Evaluation has recently been appointed as the new DMS Equal Employment Opportunity Officer. This position

was previously held by Mr. Jim Harnden.

While Mr. Lewis has had no previous experience in EEO work, he has completed OPM training and plans to take five or more courses in this particular field. Mr. Lewis is a very energetic person and his quest for learning is remarkable. His special skills are in the area of staff development and training, curriculum design, scheduling and writing individual reports, Systems Approach to training, and teaching computer programming to special education students.

Mr. Lewis graduated with the Class of 1970 from Wenonah High School, Birmingham, Alabama. After graduation he pursued his education at Alabama A&M University, Normal, Alabama, receiving his B.S. degree in Special Education in 1975 and his M.Ed degree in Learning Disability in 1976. From

1976 through 1978 he was employed as Special Education Teacher in the Birmingham School System. During that period he took Advanced Education Courses at the University of Alabama.

In 1978 he moved to the Washington, D.C. area to accept a position as Education Specialist at St. Elizabeth's Hospital. While employed at St. Elizabeth's he took Advanced courses at American University, (1978-1979) and Howard University (1980-1981). From 1982-1984, he studied at George Washington University, Washington, D.C. to earn his M.A.in Education.

Mr. Lewis has been employed at the Defense Mapping School since September 1984. He currently lives in Temple Hills, Maryland. His parents, Mr. and Mrs. William C. Lewis are residents of Birmingham, Alabama.

Guidelines for Filing an EEO Complaint

1. Any civilian employee who believes that he or she has been discriminated against because of his or her race, color, national origin, religion, sex, physical or mental handicap, or age, and wishes to resolve the matter, must consult with an EEO Counselor within 30 calendar days of the incident.
2. The EEO Counselor will make whatever inquiry is necessary in an attempt to informally resolve the matter within 21 calendar days.
3. If the matter cannot be resolved to the satisfaction of the aggrieved person, he or she may file a formal complaint within 15 calendar days after the final interview with the counselor.
4. If the aggrieved person files a formal complaint, an EEO Investigator (not from DMS), will be assigned

to conduct a formal investigation. The investigator will be authorized to administer oaths and require that statements of witnesses be under oath of affirmation, without a pledge of confidence. The complainant receives a copy of the investigative report.

5. After the investigative report has been reviewed, appropriate official(s) will meet with the complainant in an informal adjustment attempt. If an adjustment of the complaint is arrived at, the terms of the adjustment will be reduced to writing and made part of the complaint file with a copy given to the complainant. If an adjustment of the complaint is not arrived at, the complainant will be notified in writing of:
 - a. the proposed disposition of the complaint;
 - b. his or her right to a hearing and

decision by the agency head or his or her designee; and
c. his or her right to a decision by the agency head or designee without a hearing.

The complainant must notify the agency of his or her wishes within 15 calendar days. If he or she does not notify the agency within the 15 calendar day period, the agency may adopt the proposed disposition as the agency's final decision.

6. If the complainant is dissatisfied with the proposed disposition and wishes a hearing, the agency will request the Equal Employment Opportunity Commission (EEOC) to assign a Complaints Examiner to conduct a hearing. The hearing will be recorded and transcribed

See EEO Page 5



Spanish Officials — Key officials responsible for mapping, charting and geodesy in the Spanish Ministry of Defense are pictured with Lt Col Robert Swanson on the occasion of their April visit to the Defense Mapping School. They are (left to right) LTC Ricardo TORRON Duran, Subdirector, Technical Services; COL Jose ROMEO Rotaache, Chief, Army Geographic Service; Rear Admiral Juan Manuel GARCIA MORETON, Director, Navy Hydrographic Institute; COL Swanson, Deputy Director, Defense Mapping School; Sr. Antonio FLOS Bassols Technical Secretary General; COL Luis ARANA Camiruaga, Chief, Cartographic Coordination Service; COL Ramon RAIMUNDO Corredor, Chief, Cartographic and Photographic Center; and MAJ Inigo PERZ-NAVARRO, Assistant Military Attache.

EEO From Page 4

verbatim. After the hearing, the Complaints Examiner will transmit to the head of the agency or designee, the analysis, findings, and recommended decision, along with the record of the hearing and the complaint file. The agency will issue a final decision, in writing, to the complainant along with a copy of transcript of the hearings and the analysis, findings, and recommended decision of the Complaints Examiner.

7. If the complainant is dissatisfied with the proposed disposition and wishes a decision from the head of the agency without a hearing, the head of the agency or designee will issue a final decision, in writing, based on the information in the complaint file.

8. The final decision letter will

explain the appeal rights of the complainant if he or she is dissatisfied with the final decision of the agency. The complainant may appeal to the Office of Review and Appeals, EEOC, 2401 E. St., NW, Washington, D.C., 20052, within 20 calendar days of the receipt of the final decision letter of the agency.

9. OR, the complainant may file a civil action in the appropriate U.S. District Court within;

a. thirty calendar days after receipt of the final decision letter from the agency;

b. one hundred eighty calendar days from the date of filing a complaint with the agency if there has been no action;

c. thirty calendar days after receipt of notice of final action taken by EEOC on the complaint; or

d. one hundred eighty calendar days after filing and appeal to EEOC if there has been no decision.

Productivity

It all comes back to you!

Meeting Suspenses

Most of us have two techniques for meeting suspenses. We either try to work faster or we work longer hours when we begin to feel we are behind. Both techniques have drawbacks:

Working faster:

- More mistakes are usually made when working under pressure.
- More time is needed to correct errors. ("There is never enough time to do it right the first time, but there is always enough time to do it over.")
- Quality of work drops.
- As tension increases, the stress on ourselves increases and reduces productivity.

Working longer:

- Personal time to regenerate is sacrificed for work time.
- As fatigue and stress increase, there is a corresponding decrease in attention span and accurate judgment. Hours may be spent trying to solve a problem which fresh minds could solve in minutes.

Working effectively:

The solution may be to develop new working techniques and habits such as:

- Realistically assess the time required to complete an action.
- Schedule time to ensure suspenses are met and then stick to the schedule.

- Set priorities so that the most critical tasks are accomplished first.

Reevaluate:

If after adjusting time schedules, priorities, and work habits you still feel constant pressure to meet suspense deadlines, it is time to reevaluate your life style. Are you trying to crowd too many activities into a 24-hour day? Take time out to relax or better still -- just put it all aside and take a **vacation**.

Drug Abuse Prevention for Your Community

CW3 G.R. Moore

Note: This concludes a 7-part series.

In six previous issues, we examined the **why** and the **what** of drug abuse—why do people take drugs and what are the various kinds of drugs and their effects on people? From the Gateway drugs—tobacco, alcohol and marijuana—to the various stimulants, depressants, mind-changers and hallucinogens, we've surveyed the tragic damage these substances can wreak on the body, the mind and one's relationships with others. We now conclude with another question—What can be done; What can **you** do?

Drug abuse is a problem which can be prevented. Community drug abuse prevention is a matter of bringing together people, programs and resources. The way to start is to recognize that a number of networks already exist in your community which can be effectively used to prevent drug abuse. On Ft. Belvoir and other service installations, the matter is given staff support from the highest level on down. The Alcohol and Drug Prevention and Control Program (ADAPCP) operates a counseling center at Bldg 1826 and has a staff of counselors for those seeking information or help. Walk in or call 664-1466.

Offpost, prevention networks are based on such common bonds as friendship, employment, recreation, religion, politics, civic or social activities. To tailor your prevention program, assess your community's strengths and weaknesses, the needs of the group, especially the young people. Then, contact one or more of the various information resources for helping you get your program underway. (See the list which follows.)

Prevention rests with you. You can be the spark plug behind your community's efforts to prevent drug abuse.

Resource Organizations

Alcohol, Mental Health, and Drug Abuse Information

National Clearinghouse for Drug Abuse Information
National Institute on Drug Abuse
5600 Fishers Lane, Room 10A-56
Rockville, Maryland 29857

National Clearinghouse for Alcohol Information
National Institute for Alcohol Abuse and Alcoholism
9119 Gaither Road
Gaithersburg, Maryland 20760

National Clearinghouse for Mental Health Information
National Institute of Mental Health
Rockwall Building
5600 Fishers Lane, Room 11A-33
Rockville, Maryland 20857

Alcohol, Drug Abuse, and Mental Health Administration
5600 Fishers Lane, Room 6C-15
Rockville, Maryland 20857

Drug Abuse Council
1828 L Street, N.W.
Washington, D.C. 20036
(research publications)

National Clearinghouse on Smoking and Health
Center for Disease Control
Building 14
1600 Clifton Road
Atlanta, Georgia 30333

National Coordinating Council on Drug Education
1601 Connecticut Avenue, N.W.
Washington, D.C. 20036

U.S. Department of Health, Education & Welfare
Office of Education
Alcohol and Drug Education Program
400 Maryland Avenue, S.W.
Washington, D.C. 20202

**Editor's note: CW3 Moore is the DMS Alcohol and Drug Abuse Officer. If you have an alcohol- or drug-related problem, or simply*

need information on prevention, counseling or assistance, please call him at x41087, or visit him in room 103, Wheeler Hall.

DMS Welcomes An Authority From MADD

By: Irene Peine

Mr. Lou Herzog, President of the Northern Virginia Chapter of MADD (Mothers Against Drunk Driving), gave a very informative presentation in Heitmann Auditorium to an audience of about 130 staff and faculty members of DMS after the April Awards Ceremony. He spoke primarily on the problem of drunk driving and its effects on our society, a subject which was well received with great interest by the DMS audience. They noted with special empathy MADD's efforts to focus public attention on the problem of drunk driving and applauded MADD's many successes working through Government and law enforcement agencies to make streets and highways safer for all of us.

"Mothers Against Drivers" was formed in May 1980 by Candy Lightner and a group of concerned citizens. On May 3, 1980, Mrs. Lightner's 13-year old daughter Cari was struck and killed by a hit-and-run drunk driver who had only two days before been freed on bail for another hit-and-run crash. In fact this was his fifth drunk driving offense and he still had a valid California license.

MADD is an organization whose chief concern is a "call to action" by concerned citizens to work with state legislations throughout the nation to enact new and tougher laws to reduce accidents, tragedies and deaths caused by drunk drivers. Nearly every state in the U.S. now has a chapter of MADD, comprised of not only mothers, but also men and women from all occupations and age groups.

Drunk driving is the No. 1 killer of individuals in their teens and twenties. Did you know that statistics show that: fourteen teenagers die each day in drunken driving crashes; 65% of drivers

who kill themselves in single-car wrecks are drunk; that someone is killed every 23 minutes in an alcohol-related crash and one out of two traffic deaths in the United States is caused by a drunk driver.

The loss of life, especially when the person is young, is a great tragedy. The tragedy is easier understood when the cause is from natural sources, but the grief and bewilderment are much greater and the forced acceptance of the tragedy makes one

Last Words:



just plain "mad" when the cause is from the carelessness of a drunken driver. We cannot help but wonder what potential was left unfulfilled, what great feat was left undone, what medical or science discovery was left undiscovered, what great truth was left unspoken, what plan for peace was unrealized -- yes, what if? Sure we know all the victims would not have been great, but we do know many of them would have married, had children, built homes, held jobs, paid taxes, contributed to the national income and served their communities. Yes, the "what if" will always

remain an unanswered question in the hearts of those who lost a very special person, a beautiful daughter, a manly son, a mother or father, a husband or wife, a close relative, or a dear friend.

Mr. Lou Herzog, our guest speaker, a former Navy captain, retired from the Navy in 1979 with 29 years' of service. While serving in the Navy, he was an aviator and intelligence officer. Currently he is a Systems Analyst at PRC and is a resident of Northern Virginia. The Herzogs became actively involved with the MADD organization in 1980, shortly after their beautiful 18-year-old daughter Susan was killed in an accident caused by a drunk driver. In working with MADD the Herzogs are in their own way doing something for Susan and ease the unfulfilled dreams and hopes they had shared for her future. They feel that MADD is the voice of the victims.

Mr. Herzog said that before that fateful night the reality of what the tragedy of that "one drink too many" could cause was of little concern to him. But that all changed when he saw the wreckage of his daughter's VW, her lifeless body and learned the cause of the accident. He became acutely aware of the fact that "death caused by drunk drivers is more or less a socially acceptable form of homicide!"

Many drunk drivers get off scot free after causing crashes since the necessary sobriety tests remain untaken while the drunk driver's injuries are treated. Many who cause fatal accidents get off with sentences that are far too light in comparison with the anguish and pain caused to the families of the victims. That is why the Herzogs are MADD and devote countless hours to the organization. An organization that could someday save the life of our own children, someone special to us, or even our own life.

(Editor's Note: Arrangements for this guest speaker was made by CW3 Garrett Moore, the DMS Alcohol and Drug Abuse Officer.)

News Briefs

Change of Command

Due to a conflict in scheduling the Change of Command Ceremonies for COL David F. Maune and COL William T. Stockhausen will be held at 1400 on 17 July instead of 10 Jul.

The Ceremony will be held in back of Bagley Hall. A "hail and farewell" reception will be held following the Ceremony so that DMSers may greet the new Director and bid COL Stockhausen farewell.

Cost-of-Living

Since the passage of the 1970 "Pay Comparability Act," consumer prices have risen 309.1 percent. However, federal pay has increased by only 221.7 percent. Private sector workers, by comparison took home 291 percent in wage increases.

Terrain Analysis Seminar sponsored by Boston University

The Terrain Analysis Seminar, sponsored by Boston University's Program in Remote Sensing in cooperation with the American Society of Photogrammetry and the EROS Data Center, will be held June 17-21 at the EROS Data Center, Sioux Falls, South Dakota.

There will be an intensive five-day workshop on the interpretation of photographs and images from aircraft and satellite platforms for land-use planning and site and soil analysis, geology, hydrology, soil characteristics and geomorphology. Techniques used will emphasize manual interpretive procedures with an introduction to applications of digital image processing.

For further information contact the Seminar Coordinator at 617/353-4746, Metropolitan College, 755 Commonwealth Avenue, Boston, MA 02215.

Retirement Age — Not Changed.

The Senate **has not** voted to raise the federal retirement age — and as it now stands they are not likely to do so in the future. Congress views changing the retirement age as "more grief" than it is worth, although it is estimated changes in the retirement age would have a monetary savings benefit of 18 million dollars in the first year. Currently federal employees are eligible for full annuities at age 55 with 30 years service, 60 with 20 years, or 62 with five years.

Telephone Class Lines

At DMS there are three classes of telephone lines to accomplish the assigned mission of the School. They are:

Class A: Telephone lines with access to Autovon, FTS and off Post lines.

Class A-3: Telephone lines with access to Post and local off Post lines. These lines receive any type of incoming call.

Class C: Intra-Post lines with access only to lines on Post, however any type of call can be received on them.

The DMS Public Affairs Officer must

have a rearview mirror for hindsight

keep the Director informed

be the Contour Editor

be a charming tour guide with an eye on the clock

be a writer and reporter

have a nose for news

must love to work

have thick skin to be aggressive

have eyes for photos

have ears for listening

be able to make lemonade when tossed a lemon.

have a strong neck for carrying cameras.

be ready with all the answers

be a typesetter and graphic artist

be a time juggler

have steel nerves to ward off "Gossip and Rumor attacks"

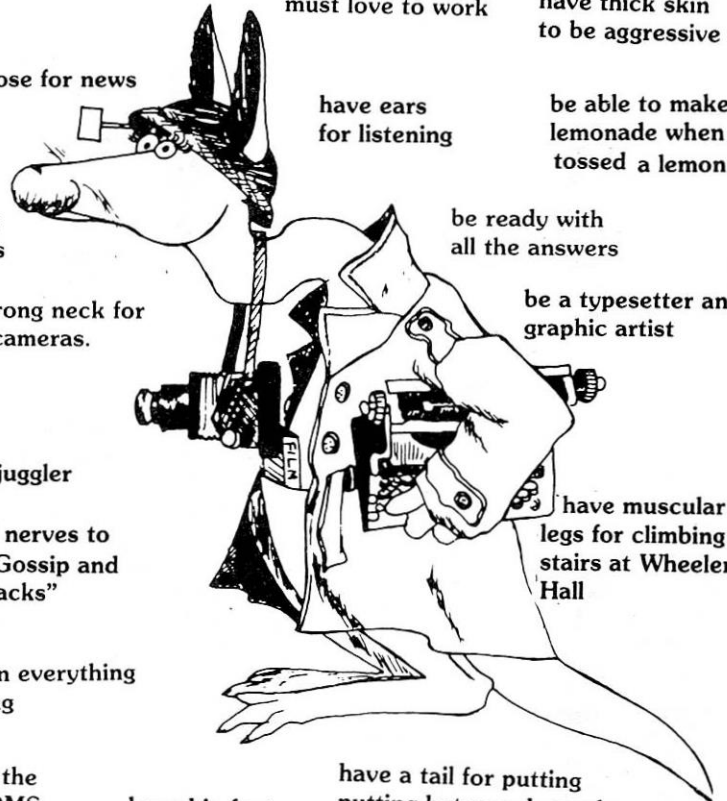
have muscular legs for climbing stairs at Wheeler Hall

smile when everything goes wrong

care about the people of DMS (and I really do)

have big feet for jumping

have a tail for putting putting between legs when typos get into print.





Bob Jones: Ozarks Bound and Truckin'

by CW3 Garrett Moore

Robert M. "Bob" Jones, Chief of Construction Survey and Instrument Repair Division, retired recently after more than 37 years of Federal Service. The well-known and well-liked veteran of two careers was last seen packing his pick-up truck for the long haul to Lake of the Ozarks, Missouri, where he plans to do a lot of fishing.

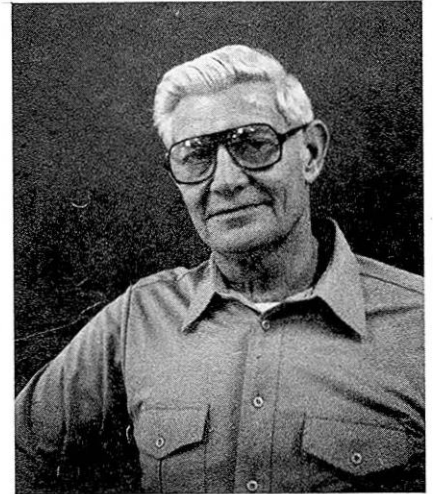
The Iowa native joined the Army in March 1947 and, except for a stint as a recruiter, has been associated with the Army's topographic brotherhood ever since. Bob has mapped or surveyed in nearly every corner of the globe, and when he wasn't doing it himself, he was training others to do it.

Bob left the Army in December 1967, but it wasn't long before he returned to one of his favorite haunts—Wheeler Hall. As a civilian instructor in virtually every discipline taught in the school, Bob brought a wealth of field experience to the

classroom. He was on hand when the school made its momentous transition from "D/Topo" of the Army Engineer School to DMS; thus, Bob is a charter member of the "Purple Suiters."

We'll remember Bob for his many war stories about the good old days of Army surveys in Libya, Iran, Ethiopia, and the Far East. (He had many to tell and seldom repeated himself.) Bob walked with a jingle—his pocket-change always got a little louder just when he got near the good part of one of his stories. He's a little slimmer and whiter of mane since we first met him, but still looking tanned and fit. An unpretentious salt-of-the-earth fellow, Bob would squint one eye and get straight to the heart of the matter without fuss, muss or baloney, and let you know just where he stood.

His many friends and colleagues packed the house to bid him and Helen, his wife and helpmate of 30



Mr. Bob Jones

years, a fond farewell. (Helen is as down-to-earth as Bob—and much more charming.) Reminiscing, Bob allowed that in his 37 years on the job, the time he enjoyed the most was during the high-pressure years of the Vietnam build-up, when he was NCOIC of Carto Division of the School. "Our student load doubled; we had to run day and night shifts—we worked our butts off," he recalled, "but I'd do it again."

We believe he would.

Good luck and Godspeed, Bob, from all your friends at DMS. Send us a picture when you catch that trophy fish!



SFC Douglas K. Briggs (left) receives the Army Commendation Medal from Lt Col Swanson. The medal was for meritorious service while assigned to the 30th Engineer Battalion, US Army Engineer School. SFC Briggs is currently assigned as an instructor in the Department of Survey.

SSG Gary L. McGuinness (right) receives his Certificate of Qualification for Master Instructor. He is assigned to the Department of Survey.



Departing Instructors Leave

Mark on TSD

By: Kristi Yeargin



MAJ Robert Kirsch

TSD said farewell to two of its instructors, MAJ Robert Kirsch and CW4 Von Gates, at a luncheon cookout May 15. MAJ Kirsch, his wife, Peggy, and their three sons are headed for Kansas, the "Land of Ah's." He will be stationed at Ft. Leavenworth and work as the Topographic Officer for the Department of Tactics at the Command and General Staff College. MAJ

Kirsch has been the Course Coordinator for MC&GOC and the Digital Topographic Data course and worked on redesigning both courses while at DMS.

Chief Gates retired after 31 years of service. He was presented the Defense Meritorious Service Medal during a brief ceremony May 22 in Wheeler Hall for his contributions to DMS.

Gates began his military career in 1954 in Monroe, LA when he joined the National Guard. He has spent many of the last 31 years overseas with assignments in Korea, Iran and Germany. Gates is not new to DMS as he was assigned to the school when it was changed from D/Topo to DMS. While an instructor in TSD, he developed a new geodetic survey block for use in MC&GOC and the Key Personnel Orientation Course.

Chief Gates has two plans for his future: he will remain in the area to work or return to Monroe, LA where he will attend school, focusing on construction management.

He spends much of his spare time



CW4 Von Gates

with his wife, Gisela, and their three sons, Stan, Pat and Keven. Chief Gates keeps fit by jogging or participating in a Volksmarsch, an event taken from the German culture where people "march" for fun and sport.

We wish them the best of luck in their new endeavors and know they will be missed in TSD.

Safety Sayings

Just when we thought we were getting our act together after the post-IG understandings and safety gigs, we get hit with a LOHHI. It took me awhile to say the acronym (I thought it was hi-low), then I remembered what LOHHI means—Local Occupational Health and Hazards Inventory.

Simply said, it is an inventory of the chemicals and related process that may affect our health. We use a lot of chemicals and related processes that may affect our health. Today, because of common use, little thought is given to their adverse affects on health, life in general, or our present environment or health and environment problems in the

distant future. It has been only within the span of recent years that we are becoming more and more aware that certain compounds and chemicals are not good for us. For instance, many of us have used acetone or solvents regularly without the awareness that these compounds are high in known cancer-causing chemicals when absorbed into the skin over a prolonged period of time.

When the LOHHI is completed we will have a list of all known hazardous chemicals and processes, a better awareness of how to handle them, what precautions to take when using them, and other safety factors to safeguard our health. We will have a good collection of Material Safety Data Sheets (MSDSs) for these chemicals and micro-fiche data for

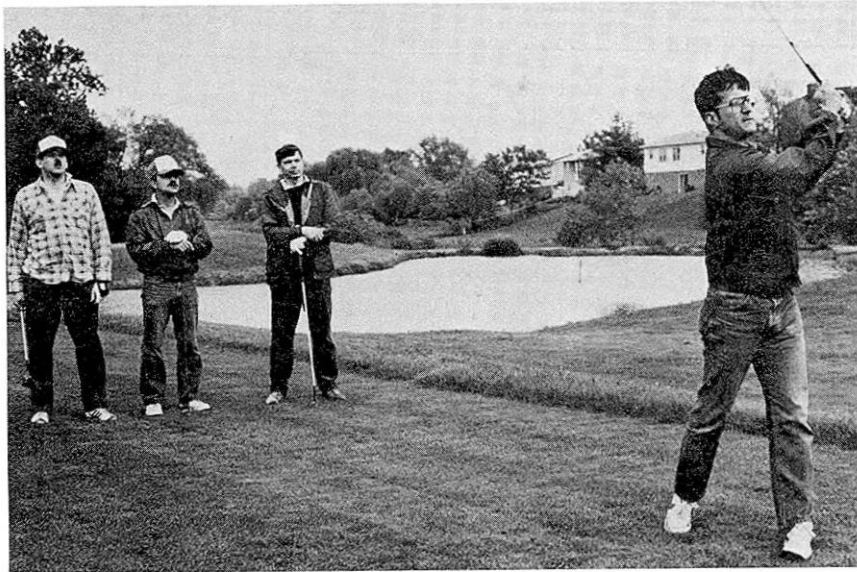
chemicals not listed on paper MSDSs. In the near future the Safety Office, departments, divisions and staff offices will be issued these documents for the MSDS file.

In compiling this listing of hazardous chemicals, individuals may be queried about chemicals used in their work so that the Office of Industrial Health, Fort Belvoir can establish rules and regulations for your protection so we can have the best possible healthy environment. Give us your cooperation as we put the LOHHI together and I am sure we will all benefit through this program (including students, too.)

Arthur Fleshman
DMS Safety Officer

SUMMER SPORTS

Batter Up



Could It Be A Hole-In-1? Or 2? Or 3?—MAJ Kirsch hits toward his next hole as Capt Setari, CW2 Michaels and Capt Nation watch for the "landing." These guys from TSD made up just one group participating in the HTC Golf Tournament from DMS. Two other groups, one with LTC Kuhblank, LTC Hey, CPT Saxton and MSG Domingue, and another with LTC Griffith, MAJ Walter, Mr. McCullough and CW2 Smithson also chipped, putted and drove their way through the Sigwick golf course at Leesburg, VA on May 17.

The DMS softball team is back in swing this year and ready for yet another season of play. With eight returning players, eight recruits and the coaching of SSgt Tommy Williams, the team is gearing up to hit the field and bring home a winning record. Team play began with the first game being rained out, but you loyal fans can catch the rest of the games with our DMSers decked out in the green and white uniforms. Let's see some fans out there to give our players some support!

Pullen Field

28 May 8:00 p.m.
 30 May 5:30 p.m.
 4 June 6:45 p.m.
 6 June 6:45 p.m.
 7 June 5:30 p.m.
 11 June 8:00 p.m.
 18 June 9:15 p.m.
 20 June 9:15 p.m.

Specker Field

21 June 6:45 p.m.
 25 June 9:15 p.m.
 27 June 8:00 p.m.
 2 July 8:00 p.m.
 9 July 9:15 p.m.
 11 July 6:45 p.m.
 18 July 6:45 p.m.
 18 July 5:30 p.m.
 19 July 5:30 p.m.

DMS Team Roster

CW3 Dave Miller	GAD	2nd Base
MSgt Wayne Charles	DCAG	Catcher
SFC Aaron Guess	SD	Pitcher/1st Base
GySgt Horace Eure	GAD	Shortfielder
SFC Wayne Holt	GAD	Shortstop
SFC Burt Ayres	AMS	Pitcher
SFC Warren Wallace	AMS	Outfielder
SSgt Jack Castle	DCAG	1st Base/Pitcher
SSG Jose Perez	GAD	Leftfielder
SSG Michael Noderer	DCAG	Centerfielder
SFC Ken White	DCAG	3rd Base
SSG Stuart Lobel	GAD	Outfielder
SGT(P) Pat Downs	GAD	Outfielder/Rightfielder
SSgt Dennis Hagenow	DSMC	Pitcher *
MSgt Joe Barrentine	SD	3rd Base
LI2 John Lagesse	DSMC	Outfielder *



The Greatest Sport of All!

* Special dispensation from sports office to play.

Can You Top This?

Editor's Note: In continuing our new column, we have snatched this article from the 28 February, 1975 issue of the Contour. Can you old-timers remember who this faithful fisherman was? And can you new people top this one? Believe it or not, this is not a fictitious fish fable.

We'll even toss you a little bait: The article was written by Bill Dean.

A certain DMS fisherman, a good one supposedly, went out fishing. It took a 25-ton crane to help get his car home. As fishy as it may sound, it is true. The CONTOUR set out to get the facts as follows:

Contour: Do you claim to be a good fisherman?

Fisherman: Yes, I do. I go out quite often for several hours at a time, usually alone, and I almost always catch something.

Contour: I presume that you have favorite places that you go.

Fisherman: Yes, but most of the time I just go down to Tomkins Basin for relaxation. There is a good spot that I like.

Contour: And you normally drive?

Fisherman: Of course. I carry a lot of gear.

Contour: Which consists of—

Fisherman: Rods and reels, 6 pack, worms, 6 pack, tackle box, 6 pack and my folding chairs.

Contour: Well back to the story. This night you went to your favorite spot in the Basin.

Fisherman: Well, yes, but later I moved up the beach about 60 meters.

Editor's Comments: Note the use of the metric system.

Contour: How do you normally fish and what was so good about this particular night?

Fisherman: Well, you see, carrying a lot of gear, I just drive down as close to the water as possible and set up. This day it was between rainstorms and the tide was coming in—really ideal conditions.

Contour: Fishing was good then?

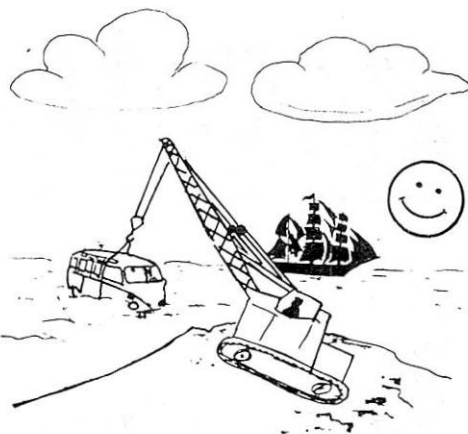
Fisherman: Yes like I said, I moved off up the beach, sitting there catching a few, missing some, relaxing, and as the tide came in, I kept moving back, and along toward dark, I noticed a large object out in the water down the beach a ways.

Contour: What was it?

Fisherman: My car.

Contour: Then what?

Fisherman: Well, fishing and relaxing as long as I had been, my thinking was slow and my coordina-



tions wasn't the best. I did not panic; all I wanted was to get my car out before anyone came along, but as luck would have it, the MP's showed up, scratched their heads, whispered to each other, called HQ, gave me a citation for illegal parking, and called a civilian tow truck, which did no good, and cost me \$25.00.

Contour: Couldn't get it out, huh?

Fisherman: No. After the MP's and tow truck left, I talked to a bridge crew which was working close by and they brought up a 25-ton crane and pulled it out.

Contour: No problem, huh?

Fisherman: No problem! The MP's came back, issued me a second citation for misuse of government property.

Contour: Well, outside of that, everything is all right?

Fisherman: Pride's hurt.

Contour: Thanks.

CRYPTOGRAM

A random "code" letter has been substituted for each letter in the message below. Discover the correct letters for those shown and you will "decode" and decipher the cryptogram.

EXPERIMENTAL WORK

RGZRXACRNKMH SDXP ZRXTDXCRI MK
VJWKDCRX'W XRYJRWK, WJVO MW WPRKVORW,
IXMSANUW, VDCZDWAKADNW, ZHMKRW,
ZXRWWSDXP, MNI CMKRXAMHW SAHH QR
VOMXURI TDX MK VJXXRNK XMKRW MNI CML NDK
QR JWRI SAKODJK VDNWRNK DT KOR ZXANKRX.

Hint: VDNWRNK : CONSENT

"A gossip talks about others; a bore talks about himself; a brilliant conversationalist talks about you."

—Francis Bacon



Picnic Prank

By: Irene Peine

Phil and Bill were identical twins who were instructors at the Defense Mapping School. One was the School's Chief Instructor and the other an instructor in the Survey Department. Both instructors were definitely an asset to the School and were highly respected by their co-workers and students. The only real clue to their identity was a small butterfly tattoo on the left inner wrist of the Chief Instructor. Often times the two instructors wore identical clothes just to confuse the students as well as their friends.

At the DMS Annual Picnic the two met in the School's finals for the Badminton Championship. In order to avoid confusion, Bob, Dick, Jim and Milt (the judges), made one of the instructors wear the School's red and white T-shirt and the other the gray and blue one.

At the end of the first set, a rain and hail storm delayed play and sent the players and on-lookers to a nearby shelter. While everyone was intent on watching the storm, the twins mischievously switched T-shirts.

After the storm play was resumed. At the end of the second set, the judges declared, who they thought was Bill to be the winner. However, at that precise time, one of the judges suddenly noted that the winner did not have the butterfly tattoo on his left inner wrist. Laughingly the twins admitted their prank, reswitched T-shirts and played the third set.

If the two sets were won by the instructor wearing the DMS red and white T-shirt and the third set won by the one wearing the DMS gray and blue shirt, which instructor was the champion? And can you identify who is the Chief Instructor and who is the instructor in Survey?

Editor's note: The skit for this puzzle is fictitious, however names appearing in the puzzle belong to real live DMSers. Can you identify the twins and the judges? (Answers next month)

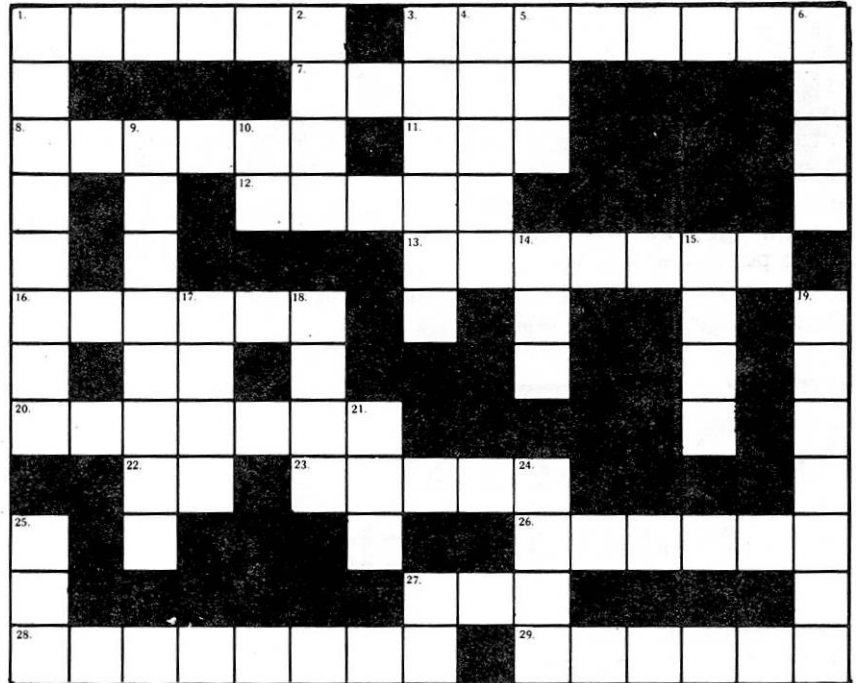
CROSSWORD PUZZLE

By: SSGT T. D. Williams

ERRORUS EDITORIOUS

EEK! "Murphy's Law" did it again! My humbliest apologies to SSGT T. Williams and my CONTOUR readership for publishing an unworkable "Crossword Puzzle" in the May issue. That was not fair play.

With the corrected version of the clues (below) here's hoping you can now work the puzzle. (Answer next month)



ACROSS

- 01. UNDO
- 03. A line connecting points of equal atmospheric density.
- 07. Architecture
- 08. A line on a map connecting points of equal pressure.
- 11. Metal
- 12. Join
- 13. Organic compound derived from coal tar.
- 16. Linear
- 20. Sideward
- 22. Concerning
- 23. Document
- 26. Borax
- 27. Limb
- 28. Aiming
- 29. Scan

DOWN

- 01. New
- 02. Darnel
- 03. Contour line of equal gravity values on surface of earth.
- 04. Foghorn
- 05. Glucid
- 06. Engrave
- 09. Agent
- 10. Morning
- 14. Millryno
- 15. Knot
- 17. Shoal
- 18. Envelop
- 19. Weightiness
- 21. Poem
- 24. Aries
- 25. A unit of acceleration equal to one centimeter per second.
- 27. Army's small dup shop.



Master Sergeant Donald R. Roberts is presented the Defense Meritorious Service Medal by the Deputy Director. His ability to resolve varied and complex problems is evidenced by the success he achieved in writing the course Development Documentation for Basic Photolithographic Processing.

Aspirin Used as Sunburn Reliever

Aspirin is a known headache remedy. But is it also a sunburn reliever? The American Medical Association says yes.

Dr. Kenneth Lampe, AMA Drug Program Director, said aspirin can help in the early stages of sunburn by taking some of the sting out of it.

He explained that aspirin causes a chemical reaction, which in turn inhibits the production of a body substance that turns skin red and sore.

The recommended dosage for healthy adults, if their skin is starting to burn but isn't red, is three aspirin right away and two every four hours for 12 hours.

"This kind of dosage is not a problem for a healthy adult, as it would be for a child," Dr. Lampe said.

"Anyone allergic to aspirin or sensitive to it, should not, of course, take

it," he cautioned.

On the other hand, adults already taking high doses — some arthritics take 12 aspirins at a time — should not take any more for sunburn, he said, because it's not necessary and could be harmful.

The aspirin taken for arthritis will also help the burn, he explained.

Dr. Lampe pointed out that people have a kind of built-in alarm system. "Adults get a ringing in their ears when they have the maximum dose of aspirin," he said. "But it's far beyond the kind of dosage we're talking about here."

However, a spokesman for Walter Reed Army Medical Center in Washington, D.C. said it's better not to burn at all.

Stressing prevention, the spokesman said that two of the most effective ways to avoid a painful burn are

to limit exposure to the sun and use a sunscreen.

"Aspirin can reduce the severity of the burn until the person can find shelter or put on oil, but if the person is already red, the aspirin won't help," he said, adding that military personnel who are unable to work because of careless exposure to sun could face disciplinary action.

"But the attitude generally is that the sunburn is enough of a penalty in itself," he said.

An independent study about 10 years ago by Dr. Diane Snyder at the University of Miami showed that a specially-prepared aspirin solution, when applied to the skin, alleviated pain and redness at early stages of exposure.

Dr. Snyder said that when aspirin is taken internally it has this same effect on the whole body.

Coming Events

Look what's coming up next month in the CONTOUR!

DMS Picnic
The scoop on summer hires
"Can You Top This"
Southern Colleges Accreditation
The Change of Command
Softball Standings
Puzzles
And LOTS, LOTS more!!

Just a Reminder

The deadline for submitting articles for the contour is the 8th of the month. If the 8th falls on Saturday or Sunday the following Monday is the deadline. For example: Deadline for the July issue is June 10, August issue is July 8 and the September issue is August 8.

DMS ANNUAL PICNIC

DATE: Saturday, 15 JUNE, 1985

WHERE: FT. HUNT PARK

TIME: NOON TILL DUSK

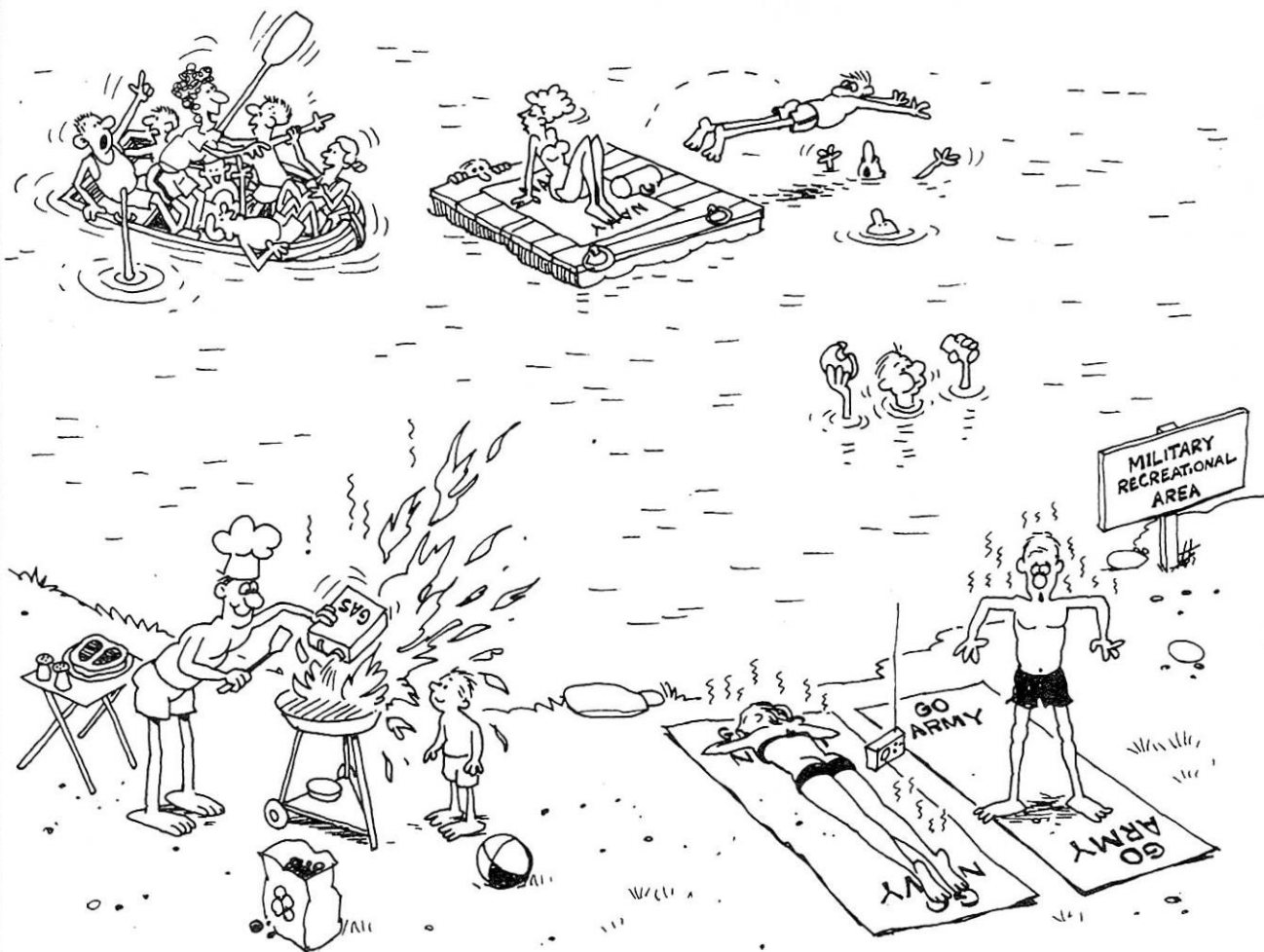
WHAT: Sports, games, music,
good food and drink.


A 5k fun-run/walk will precede the picnic, and begins at 11:00 a.m. Prizes will be awarded in several age groups starting with 5-year-olds.

Tickets are still available! \$1 per person or \$2 per family. See your Sr. Instructor or mail requests to:

Defense Mapping School
ATTN: TSD (PICNIC)
Ft. Belvoir, VA 22060

(Checks are payable to DMS Picnic Fund).





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693-5080-FIS
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WASHINGTON, D.C.
20301-1900

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THIRD CLASS

CONTOUR

Volume 12, Number 8

Defense Mapping School

July 1985

Picnic Fun For Everyone!



Real sportsmen until the end, CW2 Ron Lynch and MAJ John Jens cross the finish line together to tie for first in the 5k fun-run on June 15.

Cloudy days and rain can't stop DMSers from having a good time! Just ask anyone who went to the Annual DMS Picnic on June 15. Those people from TSD really know how to throw a bash, and they're pretty good cooks too! There was plenty of good food, games and reminiscing with both past and present DMSers.

The picnic was held at Ft. Hunt park and started with a 5K (3.1 miles) run at 11:00 a.m. There were quite a few at the finish line waiting to see who would win the battle for first place. As it turned out, MAJ John Jens and CW2 Ron Lynch tied with a finishing time of 18:19. There was a close race for second, but

CPT Huvenal Nzosaba (from MC&GOC) edged it out with a time of 19:12, so third place went to SGT Michael Edwards (from ATAC) with a time of 19:13.

Sp4 Judy Bratina (A Co. 3rd Bn ESS), running for GAD, was the first woman to cross with a time of 21:08. Chad Dannelly was the winner in the children's age bracket 5-8 years; for 9-11 years, John Jens, Jr. took first, Anne Lynch took second (as well as second female) and Barbara Patten placed third; for 12-17, LTC Hey's kids, Rusty and Katie, took first and second respectively. Overall team competition was won by TSD.

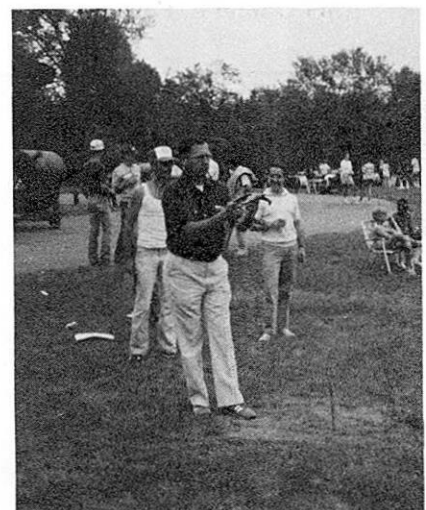
Later in the day, GAD instructors

GySgt Tony Eure and Sgt Mel Cowan took the prize for the horseshoe competition. (These two have won this event for the past four years!) But not to be outdone by TSD or GAD, DCAG retaliated to win the volleyball tournament.

As with other years, the score for the Officer/NCO Softball game *somehow* seems to be forgotten. But we do know that the NCO's came out victorious this year.

Special thanks to all the people in TSD who made the picnic a grand success. The people in SD will have their work cut out for them next year to top this one!

Look for more pictures from the Picnic on Page 15.



Look at Lt Col Swanson's concentration and form! (I know it will be a ringer.)

Award Ceremony

May 1985



SFC Grant L. Carpenter

Military Award

*SFC Grant L. Carpenter
Defense Meritorious Service Medal*

*MAJ John Jens
Defense Meritorious Service Medal*

*SSG Daniel E. Patton
Scholastic Achievement Award*

Promotion

SFC Richard E. Rivera

Senior Instructor Certificate

Mr. Daniel B. Wilson

SSgt James K. Yates



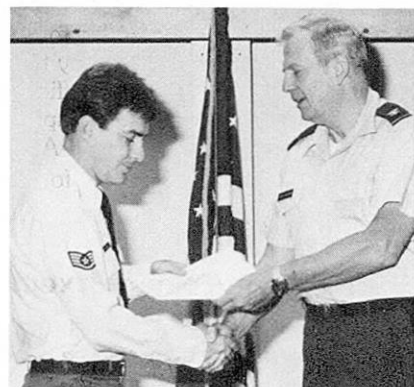
Mr. Daniel B. Wilson



SSG Daniel E. Patton



SFC Richard E. Rivera

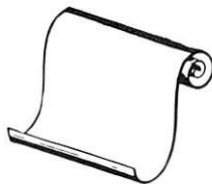


SSgt James K. Yates

Roll Call

Arrivals

*CAPT Husar (PBO)
SP5 Harschow (SD)
SSG Carandang (SD)
LI1 Wiebenga (GAD)
LTC Reich (TDE)
Mary Moton (PBO)*



Departures

*MAJ Jens (TDE)
MSG Roberts (GAD)
Doris Garnett (PBO)*



The Contour is an authorized newspaper, published monthly by and for the Defense Mapping School, Defense Mapping Agency.

Views and opinions expressed in this publication are not necessarily those of the DoD. Address all communication to:

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Assoc. Editor: Kristi Yeargin

News Briefs

ATAC Graduation Speaker

Colonel Charles Kent, Defense Intelligence Agency, Wash. D.C. will be the guest speaker for the Graduation Ceremony for the Advanced Terrain Analysis Course (2-85). The ceremony will be in Bagley Hall Auditorium on Thursday, 29 August 1985. The class consists of 12 Army NCO's.

TASC Photo Requests

Requests for a TASC photographer should be turned into the TASC Photography Br, Bldg 221, **three days** in advance of the requested date. DA Form 3903 must be properly filled out, signed by the authorized organizational official and submitted to the Photography Br, TASC, ATTN: ATZA-PTS-AV, Stop 35, before any request for a photographer is submitted.

Senior Procurement Exec.

Mr. Lawrence F. Ayers is the Senior Procurement Executive for the Defense Mapping Agency. As the Senior Procurement Executive, Mr. Ayers will oversee the development of our procurement system, evaluate its performance work-force and certify that the DMA procurement system meets approved criteria.

Blue Cross Refund

A Washington Post article announced a refund from Blue Cross for Federal Workers.

If OPM approves, workers should receive on the average of \$173 refund sometime in August 85.

Change of Command

All DMS people are invited to attend the change of command ceremony 17 July 1985, 1400 hours, behind Bagley Hall. Attendees are

requested to be in their seats by 1350. In case of inclement weather, the ceremony will be held in Heitmann Auditorium.

New Equipment for GAD

GAD has received some new equipment which will enable them to triple the teaching capabilities in the department. They have received two new microfilm cameras, two new JL 80 Jacket Loaders and two L125 printing presses in the repair section.

Energy Tip: The driving technique of the person behind the wheel is the most important single element in determining the fuel economy of a car. Drive at a steady pace. Adjust driving to avoid unnecessary, wasteful acceleration and deceleration. Minimize trips to the store, etc.—consolidate short trips to save gas.

Did You Know . . .

SSgt Oliver Bone, SD, had front page coverage on the June 21 issue of the Castle. SSgt Bone was pictured showing a student the proper use of an alidade scope.

LTC Kuhblank (DCAG) made the Colonel list, with a line number of 83. What is quite unique is that COL Valvo, former chief of DCAG, made the Colonel's list two years ago with the exact same line number!

Twenty six DMSers went to an Orioles-Yankees game on 19 June in Baltimore. They car-pooled it to the Inner Harbor for dinner and then on to the game. Everyone had a great time, even though the Yankees won the game 10-0 (Sorry CPT Saxton!) One error was made by our fans—you could have coolers in the stadium, but NO bottles or cans!!

DMS had a successful turnout for the Officer's NCO Appreciation night. A dinner buffet was held from 5 to 7 p.m. on 18 June at the Officer's Club with approximately 20 people attending from DMS.

We have also heard from Jack Barts—he is selling "lots of houses"!

Coming Events

Look what's coming up next month in the CONTOUR!

DMS Change of Command
More on Accreditation
DMA Exhibit Board
Focus on Survey
Softball Stats
Puzzles!
And, of course a lot more!!

Summer Hire Roll Call

Well, the next and final batch of summer hires has hit us! The summer is now complete with ALL of them in and working. Here they are and where they work:

Mark Nolta (AMS-L)
Julie A. Crist (SD)
Brenda Graves (TSD)
Rick Simmonds (TDE)

Adam was the only man who, when he said a good thing, knew that nobody had said it before him."

—Mark Twain

DMS Employees Tour DMA Components

by Rickie Blas

Fourteen employees of the Defense Mapping School boarded the DMA bus on a bright and sunny (85 degrees!) day for a tour of Headquarters, Defense Mapping Agency and its Components in the Washington, D.C. area. The tour, directed by Irene Bellefeuille, DMS Public Affairs Office, is designed to acquaint new employees of the School with the overall view of the School's place within the Defense Mapping Agency.

The first stop was at HQ DMA, located at the U.S. Naval Observatory, Washington, D.C. The group was greeted by Mr. Del Malkie, the DMA Public Affairs Officer. He escorted the tour group to a conference room where the DMA Chief of Staff, Captain Virgil J. Johnson, showed slides and gave a briefing on the history of the Agency. The Agency was formed in 1972 when the Defense Department consolidated the mapmaking efforts of all the military services. Captain Johnson stated that the mission of DMA is to produce and distribute Mapping, Charting and Geodesy products (maps, charts, precise positioning data, digital data, etc.) to the U.S. Armed Forces, other national security operations and agencies, the U.S. Merchant Marine, Allied military forces, and navigators throughout the world. He stated that DMA produced 54 million copies of maps and charts, over 3,000 new or revised maps and 49,000 in 1984 to meet the MC&G requirements of the Agency's worldwide customers. The Agency employs 9,300 people operating on a 700 million dollar budget.

The next stop was at the Hydrographic/Topographic Center, Erskine Hall, Brookmont, MD. The group was greeted by Mrs. Barbara Mink, the HTC Protocol Officer, who escorted the DMS visitors to the Director's Conference Room. Colonel Hugh P. Johnson, Director

of HTC welcomed the DMS employees and presented a Multi-media overview of how HTC fits into the Defense Mapping Agency.

After seeing the Multi-media, the DMS employees visited an extensive map library in the Scientific Data Department, then the Topography Department where they received a summary on map compilation and color separation. The group learned that it takes 31 layers to make a map. Each layer shows different information, such as railroads, borders, etc. There are 1500 to 2000 hours involved in making a map. Next Mr. Douglas McClusker explained how messages concerning weather conditions, icebergs, unmanned ships and other important information are transmitted to mariners via satellite. He stated that among the users of the Automated Service to Mariners are the U.S. Coast Guard, Chevron and Prudential.

The tour's next stop was at the HTC cafeteria for a most welcome lunch. After lunch, the group visited the HTC Graphic Arts Department in the Ruth Bldg. where Mr. Frank Pumprey gave them an overview of the Graphic Arts Department and took them right to the heart of things. The DMS employees saw the gigantic camera equipment used in photographing maps for reproduction. The huge Polaroid-like camera that could easily fit five people inside it, received many humorous comments from DMS employees. From the camera area, the group was taken to the map-reproduction area where huge 4- and 5-color presses reproduced the maps and then to the bindery where the maps are trimmed and folded and made ready for distribution.

The last stop on the tour was the Office of Distribution Services, also located at the Ruth Bldg. The group was greeted by Mrs. Susan Gonchar, Public Affairs Officer, and escorted to the ODS conference room where they viewed audio slides

showing how ODS distributes its line of 61,000 items to DoD and other agencies on their \$23,000,000 annual budget.

At 2:40, the group boarded the bus and returned to the School with a better understanding of what the Defense Mapping Agency consists of, and a better knowledge of the important role the Defense Mapping School plays in this Agency's network. The School is where it all starts and their product is people—people trained to make maps and charts.

Rosenberg New DMA Director

Secretary of Defense Caspar W. Weinberger announced the appointment of Major General Robert A. Rosenberg, USAF, as director of the Defense Mapping Agency. He will relieve Rear Admiral E.A. Wilkinson, Jr., USN, in change of command ceremonies July 22 at DMA Headquarters at the U.S. Naval Observatory in Washington.

General Rosenberg has served as assistant vice commander of the



U.S. Air Force Space Command and vice commander in chief for the North American Aerospace Defense Command since September 1983. Admiral Wilkinson, who has been DMA director for two years, will retire August 1st.

The Defense Mapping Agency, with some 9,000 military and civilian

(Continued on Page 5)

How to Spot Drunk Drivers. . . And Avoid Them

There are stories appearing continuously in the news about drunk driving accidents or legislation concerning the minimum drinking age. However, there is little information geared to the public which provides signs to look for in drunk drivers and how to drive defensively if confronted by one. If you should find yourself in a situation where you must drive defensively, the National Safety Council offers several points which may be helpful to you:

1. Be alert for any out-of-the-ordinary driving practices. Usually, drunk drivers will not be speeding, but will drive at inconsistent speeds and well below the speed limit. If at all possible, get out of his way.

2. If someone behind you is driving erratically (following too

close, weaving, etc.), get off the road as soon as possible and let him pass. Then notify the police of the car (if possible) and location you are at.

3. Be on the look-out for drunk drivers coming toward you. They may pass with insufficient room, change lanes at high speeds or drive down the middle of the road. If the other driver is coming directly at you, reduce your speed quickly and move to the right side of the road. Sound your horn or flash your lights; anything to avoid a head-on collision. Whatever you do, DON'T TRY TO PASS THE ONCOMING CAR ON THE LEFT! The driver may recover at the last minute and swerve back into his lane, and into you.

4. Drunk drivers are forgetful. They will travel at night without lights or fail to dim their lights to oncoming



traffic.

5. The best defense against a drunk driver, just in case you are hit, is to make sure you and your passengers have your seat belts fastened. This simple precaution will result in far less serious injury should you be hit.

Remember, if at all possible, stop and notify the police of a possible drunk driver, giving a description of the car and location. You may be saving someone's life.

(Rosenberg from Page 4)

personnel in more than 50 locations around the world, provides all mapping, charting and geodetic support to the Armed Forces and other DoD elements, including sophisticated data for navigation and guidance of modern weapons and missile systems

General Rosenberg has been involved in missile and space systems through much of his career and also served on the staff of the National Security Council and in Congressional liaison duties.

A native of Kansas City, Mo, he graduated from the U.S. Naval Academy with the Class of 1957 and was commissioned in the Air Force. He earned a master's degree in Aerospace Engineering at the Air Force Institute of Technology in 1964 and graduated from the Industrial College of the Armed Forces in 1972.

After initial service as a flight line maintenance officer for armament and electronic equipment on B-47s and KC-97s of the Strategic Air Command, General Rosenberg

participated in the initial development, test and launch of Atlas and Agena satellite programs, serving with the Air Force Ballistic Missile Division. In the late 1960s he served in a variety of positions with the Office of Special Projects, Office of the Secretary of the Air Force, including satellite operations.

General Rosenberg joined the Air Staff in 1972, serving as division chief in the office of Research and Development, during which time he was responsible for interaction with the Congress on matters relating to justification of aircraft, missile and R&D authorization and appropriations.

In December 1974, he joined the Office of Space Systems in the Office of the Secretary of the Air Force, serving successively as deputy director for programs, principal deputy and acting director, with responsibilities for operational control of national military space programs.

General Rosenberg was assigned to the National Security Council, the White House, in June 1976, as an adviser to the assistant to the

President for National Security Affairs, and in direct support of the National Security Council and the President. He participated in policy formulation and the decision-making process for national security related requirements and was responsible for formulation, issuance and implementation of presidential directives and executive orders.

In March 1980, the general returned to the Pentagon as assistant chief of staff for studies and analyses, Headquarters, U.S. Air Force. He was responsible for studies on military utility and cost effectiveness of alternative policies, doctrines, requirements and weapons systems.

His military decorations and awards include the Defense Distinguished Service Medal, Legion of Merit with four oak leaf clusters, Air Force Commendation Medal with four oak leaf clusters and Air Force Outstanding Unit Award Ribbon. He wears the master space and master missile badges.

General Rosenberg is married to the former Marjorie Stone of Boston. They have three children: Richard, Steven and Susan.

Run For Your Life!!

by Kristi Yeargin

Does that sound like a warning? It is. The Ft. Belvoir "Run For Your Life" Program is a warning plan set up so each member of the Ft. Belvoir community can work to improve his/her cardiovascular system . . . before it's too late.

Even though the program is called "Run For Your Life," you don't necessarily have to RUN. This walking/running routine is based on the theory of aerobics, which allows people to strengthen their heart, lungs and blood vessels by gradually expanding their capacity to handle stress.

There are three phases to this program to accommodate the varying degrees of stress capacity individuals have:

Preparatory Phase: Individuals who have recently led a sedentary life (overweight, recent illness, no regular exercise) should begin the program in this phase. Walking will be emphasized, slowly leading up to walk/run combinations.

Conditioning Phase: Those individuals who have completed the Preparatory Phase or have been participating in some form of regular, vigorous exercise, may begin in this phase.

Sustaining Phase: This phase is for individuals who are now conditioned runners and can run a mile in 8:30 minutes (men under 40), 9:30 minutes (men over 40 and women under 40), and 10:30 minutes (women over 40) or less without fatigue. The ultimate goal is to continue running a distance of 7 to 10 miles per week within the time and distance goals previously set.

By following a pre-determined exercise routine, individuals participating in the program can work toward attaining mileage certificates and patches for 50, 100, 200, 300, 400, 500, 750, 1000, 2500, 5000, 7500 and 10,000 miles, as well as improving their physical fitness, their

cardiovascular system and their overall general health.

MAJ John Jens, who recently left DMS, was an active participant in this program. He began running in August 1976 with the purpose of shedding a few pounds. He now leaves Ft. Belvoir with well over 8,000 miles logged in his running records. He will most likely continue this sport at his next assignment as Exchange Officer at the Royal Engr Mapping and Charting Establishment, Feltham, England.

SACS Team Visits DMS

The Defense Mapping School hosted an informal Mixer in honor of the Southern Association of Colleges and Schools (SACS) evaluation team June 4 at the Officer's Club, Ft. Belvoir. The purpose of the Mixer was to extend DMS hospitality and enable the members of the team and members of DMS staff and instructors to get acquainted on a casual basis before becoming involved in evaluation of the School's facilities and curriculum June 5-7.

The visit of the team was highly important to DMS. Their evaluations represent a vital phase in the process that determines whether or not DMS will continue to maintain its accreditation with the association.

The Southern Association of Colleges and Schools was founded in 1895 by the faculty of Vanderbilt University in an effort to increase the quality of education. The Association has more than 11,000 member schools. Membership is voluntary, however, membership is based on very high standards. When DMS first considered seeking this type of accreditation in late 1974, it turned to SACS because of its geographic location. SACS is one of six similar organizations operating within a specific geographic area and Virginia is in their area of operation. Other states included are: East Texas, Arkansas, Kentucky, Tennessee, Mississippi, Louisiana, Georgia,

However, this program is not set up only for military personnel; dependents and civilian employees may also participate and work toward the established goals.

Anyone wishing information about the program or wanting to begin a running routine may contact the Post Sports Director, Bldg 617, Ext. 43455 or 43571. A booklet may be provided to you containing all the information, routine tables, record sheets and goals for the program.

Florida, North Carolina and South Carolina.

DMS was accepted as a Candidate for Accreditation in December 1974. Soon thereafter, DMS submitted their first Self-Study Report in accordance with prescribed guidelines which was followed by an evaluation visit similar to the one we just experienced. After an exchange of follow-up reports, DMS was given accreditation by the membership of SACS at their December 1975 annual meeting. Continued accreditation and membership in the Association is based on the submission of annual reports and a 5-year cycle updating of the DMS Self-Study together with an evaluation visit from a SACS Accreditation Team.

This year's accreditation team included: Mr. Boyd Wilborn, Director, Erwin Vocational Technical School, Tampa, FL; Dr. Carol Coakley, Professor-Vocational/Technical Education, University of Tennessee, Knoxville, TN; Ms. Jean Lubow, Director, American Institute of Technology, Atlanta, GA; Mr. James E. Green, Consultant, State School Unit Office of Vocational Education, Frankfort, KY; Ms. Linda P. Causey, Assistant Director, Bastrop Vocational/Technical School, Bastrop, LA; Dr. David A. Singer, Professor, Middle Tennessee State University, Murfreesboro, TN; and Dr. Gary Puckett (SACS Staff Representative), Associate Executive Director, Commission on

(Continued Page 14)

Lights, Camera, Action!

by Kristi Yeargin

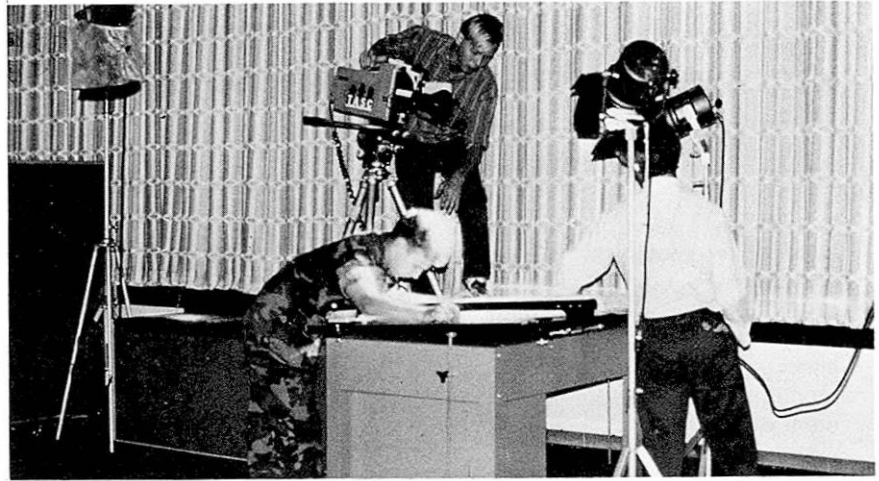
Move over 20th Century Fox! The folks in DCAG are now in the movie-making business.

Well, **actually**, a film crew from TASC was working in one of the DCAG classrooms on June 5 and 6 using equipment and personnel from the Construction Drafting Division and classes. A film is being made for use by Army recruiters to show incoming recruits what is expected if they are interested in the field of Technical Drafting (81B MOS).

DMS is working with the 11th Engr. Bn. to provide adequate coverage in the film of all aspects of a position in Technical Drafting. MSG Domingue, who is working with the project, said the soldiers, selected from the Construction Drafting Classes 5, 6 and 7 in DCAG, are demonstrating the written drawing board work in mechanical, architectural or civil engineering, while those selected from the 11th Engr. Bn. will be showing the field work. "We don't have the assets (tents, trucks, etc.) here at the School for that," he said.

Students in these classes were picked at random to participate in the film in order to present a wide variety of backgrounds (race, sex, physical appearance, etc.). One of the female soldiers picked for the film was E1 Pamela Yvonne Trent, who graduated with Class 5 on 20 June. "It was fun to be in it (the film), but I was really nervous with all of those lights," she said.

We also have some star DMSers in the film! SSG Benke, MSG Domingue and CPT Waitkus were just a few of the discoveries. All shots which focused on hand movements only, were done by instructors in DCAG to ensure that the correct drafting procedure was being filmed. These spots will be edited into the final form to make it appear as if the students are doing



The director and camera man from TASC arrange the set for the next shot. PFC Arthur Hendrickson (Construction Drafting Class) is the student pictured.

all the drafting, using a combination of their "facial shots" and the instructors' "hand shots."

The movie will be approximately 2 to 3 minutes long when finished. Each scene will be about 10 to 12 seconds, even though hours were spent getting it just right during filming. After the filming was completed, the next phase was editing where current songs were used as background to a profession-

al narrator. The film is targeted toward young recruits so it has been done with a lot of creativity in order to make it interesting and appealing to them.

We are anxiously waiting to see the final product after so many days of work. Not only does DCAG produce great drafting technicians from its classes, but also movie stars!

Falkenthal Leaves DCAG for DTD

Even though Steve Falkenthal has left DMS, he isn't very far away. He left the DCAG crew on June 21 and walked down the hill a little ways to take a job at the Department of Topographic Development (DTD). At his new job, Steve will be in the Topo Writing Branch where he will have the duty of writing technical material for the 51T Field (Construction Drafting, Construction Survey and Soils Analysis).

Steve had been in DCAG for quite some time; you might say he was one of the "golden oldies" of the group working 10 years as a civilian and two years of military service (1969-71) in DCAG.

Steve was in charge of the DMA Instructor Training Course (ITC) for the past two and one half years and also a Construction Drafting



Steve Falkenthal

Instructor while working in DMS. He was a member of the DMS No. 2 Bowling League as well as participating in the Castle Bowling League.

Good luck in your new job, Steve. Since you're not that far away, we'll be seeing you from time to time.

Right or Rewrite?

by Kristi Yeargin

We can all see from the monthly awards ceremony the number of well-deserved commendations and promotions received. But the initial writing in those performance or effectiveness reports or the award recommendations deserves a comment or two.

No doubt, after you have written your portion of the report and edited it yourself, you take it in for typing. Then after you see the typed version, you make changes—"not major changes, just a word here and there." Right?

Then the report (after typed for the second time) goes to the next reviewer, who not only writes his portion, but makes changes to yours! So it goes to the typist again with the comment, "It won't take long to correct since it's on the word processor, will it?"

This goes on and on up until the final editor and then returns for the final (and fourth or fifth time!) typing. But how many of these changes are really necessary and does the word you substitute mean anything different than the one you took out?

As a reviewer, you must look to see if you are making changes just because of personal preference or if the change is truly for the better. What sounds good to you, may not be the exact wording of the next reviewer. You can avoid unnecessary waste of time of re-typing and rewriting by setting down some general writing style guidelines that are appropriate to your department. Make up a list of words that should be avoided, and grammatical and punctuation rules that apply to your organization. This should help to eliminate most of your problems.

Remember that writing is a personal expression of oneself. Different people will state the same idea in different ways, but that doesn't mean that you are right or they are wrong.



Safety Sayings

by Art Fleshman

The theme for this month is "Summer Safety." Specifically, I will remind you of some of the more obvious safety rules everyone knows but sometimes fails to heed.

Thought 1. Be careful when using a lawn mower. Operate the lawn mower correctly and use it for its intended purpose. Are you using safety goggles, proper footwear, and headgear for protection from the sun? Don't wear Walkman-type radios that will prevent you from hearing someone who may be addressing you. Also, use similar safety gear when using a "weed-eater." Weed-eaters can throw a stone as easily as a lawn mower in addition to kicking up a lot of dirt and debris.

Thought 2. Stay sober when driving any motorized vehicle. Use your seatbelt when traveling by automobile. Stay alert and occasionally pull off the road to refresh yourself. Never leave a baby or toddler in a car unattended, especially in a heated environment. If you must leave a pet inside the car, be sure the windows are down a few inches for proper ventilation, and don't be gone long.

Thought 3. Use your grill correctly, whether charcoal or gas. Never use a charcoal grill in a closed area; you may be found dead from the "silent killer," carbon monoxide. While using a grill, if you develop a headache, become dizzy, sleepy or have blurred vision, you may have the effects of carbon monoxide

poisoning. If so, get away from the grill and get medical attention. Never squirt flammable liquid (charcoal starter) on hot coals or firewood. The flame could be drawn back into the can causing an explosion.

Thought 4. If you are aware that you have an allergy to insect bites or stings, be prepared by keeping your medication and a can of insect spray on hand. If a person develops a breathing problem or has sudden nausea, vomiting, stomach pain or fainting after being stung, they should get medical attention. Many people have allergies that they are not aware of until after they are stung or bitten.

Thought 5. Swimming accidents and heat injuries are avoidable. Swim only in approved area and never swim alone; use the "buddy system." Know how to give CPR and how to aid a drowning person. Know the symptoms of heat injuries and how to treat the victim. The old saying about using salt pills can be disregarded. You will get all the salt you need in your regular diet. If you are in doubt, consult your physician. Sun screen lotions are available to protect the skin from extreme sun and wind burn. Sunglasses help to protect the eyes from the sun's powerful, summer rays.

I intended here to give you some things to think about. Most adults have had general experience in safety. If you have specific questions, ask your Safety and Health Representative, or call me and I'll find an answer for you.

Have an enjoyable, safe summer season.

The complete Murphy's law:

- (1) *Nothing is as easy as it looks;*
- (2) *Everything takes longer than you think;*
- (3) *If anything can go wrong, it will; and*
- (4) *An open-face peanut butter and jelly sandwich, if dropped, always lands jelly side down."*

—James J. Kilpatrick,
columnist

Three For Lynch

Could CW2 Ron Lynch, TSD, be the next Bruce Jenner? He's off to a good start after competing in a triathlon on June 2 at Oceanview (near Norfolk), VA.

Mr. Lynch was just one of 400 participants, from ages 9 to 65, both male and female, who took part in the three events.

Mr. Lynch has participated in two triathlons now, both at Oceanview. The entire contest consisted of a 1km swim in the ocean, a 12 mile bicycle course and 5 km run.

Although he has been running in his spare time for six years, he didn't become interested in the triathlon until last year. "I had a foot injury so I couldn't run, and I did a lot of swimming and bicycling. Then I decided to enter the triathlon," he said. He has several others planned for the summer, with the longest one coming up in September. It will have a 1 mile swim event, 40 km bike course and a 10 km run. "I did my first one (triathlon) and it was a real kick, so I kept it up and enjoyed it."

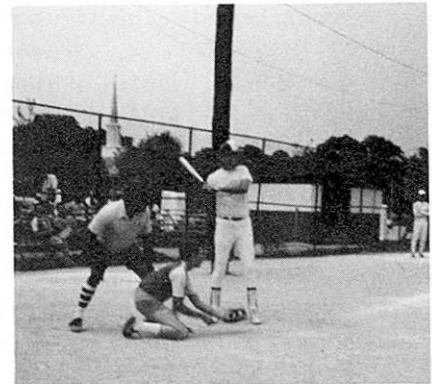
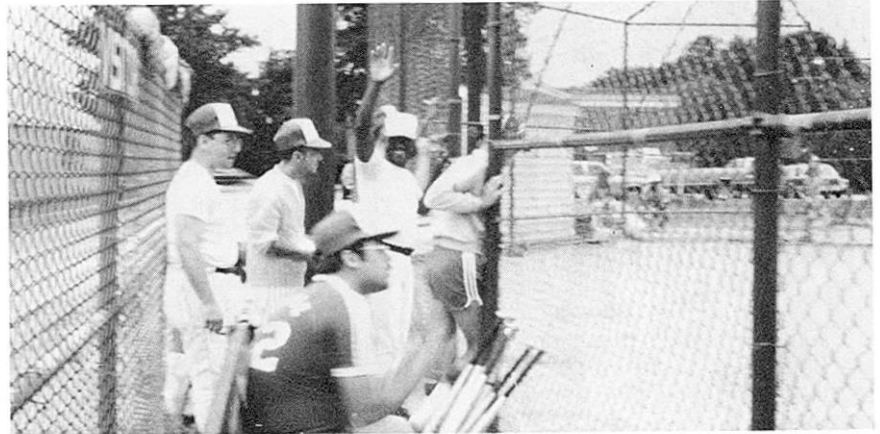
Mr. Lynch considers the swimming event his weakest and running



his strongest. He has participated in six marathons, "hundreds of 10 ks," ran in the DMS Volksmarsch and the 5 k fun-run at the DMS Picnic on June 15.

With these marathons and triathlons keeping him fit, we now know how Mr. Lynch can eat all those moonpies, Snickers and doughnuts!

SUMMER SPORTS



About the Softball Team—

If you've been watching a team in green and white and thought it was supposed to be our DMSers, you've been watching the wrong team! After our last issue went to print, we learned that the team switched uniforms this year. They can now be seen playing at Specker Field wearing grey, white and blue. (We know that's right this time!)

So far, the team has a record of 1 win, 6 losses and 1 tie. But all is not lost yet; the team still has a chance of bringing up it's record with the second half of the season yet to come. We haven't seen too many

people in the stands to support the team! Let's get out there and give them a little encouragement!

Specker Field

21 June	6:45 p.m.
25 June	9:15 p.m.
27 June	8:00 p.m.
2 July	8:00 p.m.
9 July	9:15 p.m.
11 July	6:45 p.m.
18 July	5:30 p.m.
19 July	5:30 p.m.

They're Typists, Assistants and Draftsmen We Hear From a Source. . .



Patti Bowe

How can one summer plus one summer equal three times Patti Bowe has been working in TSD? Well, although this is only Patti's second summer at DMS, if you'll think back to around December, you'll remember seeing her behind the computer during her Christmas break from school.

A Math major at Mary Washington College, Patti will be a Senior in the fall. At school, she is very active in school and community activities, such as Circle K, tutoring high school students and student government. She also keeps very busy with her classes—she's a member of Alpha Pi Sigma (3.25 honorary) and Kappa Delta Pi (an education honorary).

Patti is very familiar with the equipment in TSD, using the HP 9825, Microfix and Apple IIe to run programs. "They have a new system called VAX that I am looking forward to learning how to use," she added.

In her spare time ("very little"), Patti likes photography, tennis and going to the beach. Happy to see you again Patti!

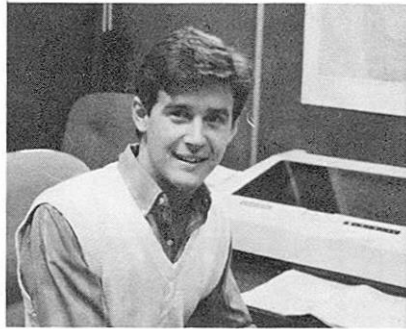
Chris Thoureen

Patti has a new "partner-in-computer-crime" this summer, Chris Thoureen.

Chris is working with Patti in TSD

and has been writing programs for MC&GOC course grades, data base updates and equipment file checks in TSD.

As a Senior at Virginia Wesleyan College, Chris is also a Math major with some emphasis on Computers. He is an avid tennis player, lettering three years in Varsity tennis at VA Wesleyan and also a member of the Lake Braddock Tennis Club in Northern VA. Chris is always



looking for willing opponents to play a couple sets with, so if you're interested, drop by and see him.

The work in TSD is fun and challenging to Chris. He said the one thing he has been working on that is the most interesting is programming the HP 9825 plotter. He'll get more experience with that when he begins to prepare viewgraphs on the plotter as well as learning the VAX system and Microfix.

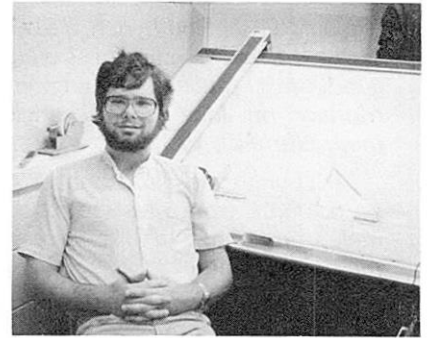
Chris, we're real happy to have you here.

Bernard Watts

Yes his face is familiar, fifth summer in DCAG, an office draftsman—it must be Bernard Watts!

Bernard has returned to DCAG to help make practical exercises for tests, viewgraphs and other "assigned duties."

He is majoring in Computer Programming, specializing in Com-



puter Graphics at George Mason University. With the use of computers for drafting and graphics in DCAG, Bernard is getting a lot of on-the-job training. "I'm learning here in one month what it would take a semester in school," he said.

Bernard has taken up canoeing as a hobby and recently joined the DCAG crew on their canoeing trip. Glad to have you back again, Bernard!



Tammy Shelton

If you've seen one more female in PBO, you've seen Tammy Shelton. She is the new summer hire in that office and is working as a computer clerk.

Tammy is a Junior at James Madison University with special emphasis in Management Information Systems. Working in PBO, she's in the right place and with the right people to help her get some experience. She has been setting up programs and entering data since she began, and also working on the word processor some. "I'm learning

We'll Let's See—They're Summer Hires, Of Course!!

by Kristi Yeargin

a lot of things that go along with my major," she said.

Tammy lives in Stafford and likes to run, read and do aerobics. She took her first airplane trip recently when she went to the Bahamas for a week. "It was a little bit scary at first when we hit the turbulence, but it was exciting," she said.

We know they're glad to have you in PBO, Tammy, and we're glad to have you at the School!



Jenni Bowker

The guys in the graphics shop gave a cheer when Jenni Bowker joined their staff for the summer.

Jenni is a Junior at Radford University with a major in Public Relations and a minor in Sociology. At Radford, she is a cheerleader and a member of the Alpha Sigma Alpha sorority.

You can easily recognize Jenni by her fabulous Ft. Lauderdale tan, which she got during Spring Break. She mainly prepares viewgraphs, works on the typesetter and camera in the shop in order to provide teaching aids to instructors. Although this is her first position doing work like this (she was a typist last summer), she has really got the hang of things. "It's really comfortable working up there," she said. "That's one of the most important things."

Jenni likes photography, tennis, aerobics and, of course, the beach. Working with us for the summer, Jenni, you've given us all something to cheer about!

Rick Simmonds

While the rest of us are working our way toward a degree, we are amidst the company of one summer hire who recently received his diploma.

When the 8th of June rolled

around, Rick Simmonds graduated from Virginia Tech with a degree in Architecture. "It still hasn't hit me," he said. "I keep having this urge to go back to Blacksburg!"

Rick is back for his third summer (he skipped out last summer to work at the National Gallery, but was here two previous summers) and is



once again working in the graphics shop. Rick calls this job his "three-month-plan" while interviewing for a permanent architecture position in the fall.

Weight lifting and body building are Rick's major free-time activities. He is beginning to start serious training to compete in the D.C. Open Body Building competition held in August.

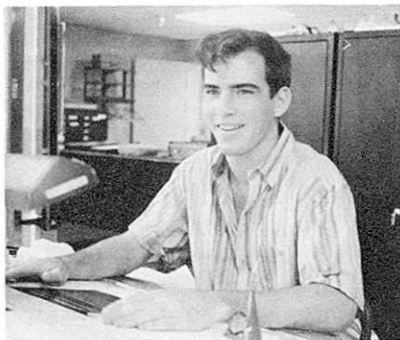
Rick is a "newly-engaged," and you can find his fiancée, Julie Crist, working as a summer hire in Survey.

Amy Young

In order to rescue Jenni from being the only girl in the graphics shop, Amy Young was sent up a week later. (No seriously, the guys are very nice up there.)

Amy is a Journalism major at University of Maryland where she will be a Senior in the fall. She is also

(Continued Page 12)



Steve Desrochers

Yes, Steve, another summer hire article!

Steve Desrochers is back for his second year in the graphics shop to make viewgraphs, work with the camera and processor and help to fill all types of work order requests.

A Fine Arts major at Carnegie-Mellon, in PA, Steve has a special interest in painting. He has recently started narrowing his interest to deal with the formal elements of painting—what the paint itself can do, not necessarily a picture of something. In order to perfect his technique, Steve has set up a studio in his home and spends a lot of time there.

Steve will be a Junior this fall. He kept busy last year with his school ice hockey team and ROTC. Now that he's home for the summer, he has time for sailing, visiting D.C. museums and galleries and working in his studio.

... And More Summer Hires!

(Young From Page 11)

working toward a minor in Applied Design.

Like the other summer hires, Amy is also producing visual aids for classroom instruction. (Are you running a factory up there John?) She said this is the first job where she has been doing the middle, practical work instead of telling others what she would like to see as the end



result. "Everything is something new to learn so everything is a challenge," she said.

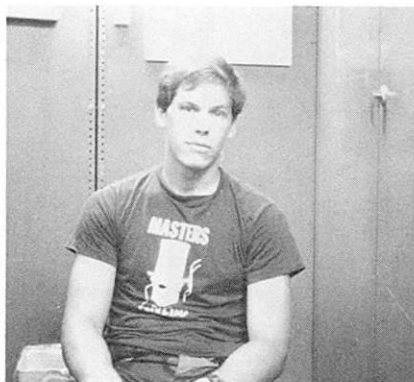
Amy has long term goals of working in magazine editing and design. However, she said she will probably start out in a newspaper or on the art staff of a magazine.

This past spring Amy began canoeing, which is her most recent hobby. On weekends, she likes to go out on the Potomac River, the C & O Canal or an area near Great Falls to canoe. She also likes to read books about war history (Vietnam and Korean War) and goes to the spa to work out.

Welcome to DMS, Amy!

Mark Nolta

The young man you see moving equipment, stocking supplies or working outside is Mark Nolta. Mark is working as a summer hire in



Supply this year.

Mark will be a Junior at Virginia Tech when classes resume in the fall. He is a Geology major and will begin the majority of the courses dealing specifically with his major this fall. He is also interested in Biology and history courses.

With a four-year ROTC scholarship at Tech, Mark believes he will go into Engineering or Military Intelligence when he serves his tour in the Army. He would like to remain in the area, if possible, but he's not really sure how things will work out.

Mark and his family are in the process of moving to Woodbridge so he doesn't have much spare time right now for recreational activities.

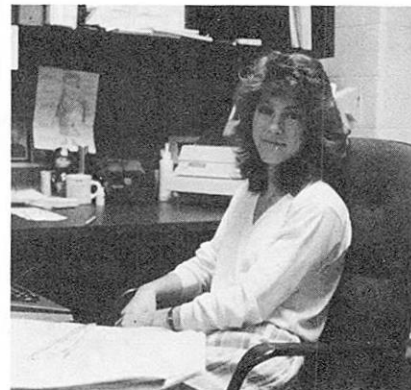
If you see Mark outside or when you pick up supplies, tell him "Hello" and welcome him to the School.

Julie Crist

The new smile behind the word processor in Survey belongs to Julie Crist. Julie is working with Joyce, and she will have the opportunity (?) to type all those lesson plans and task analyses that we've been warning the others about!

Julie is a Sophomore at Northern Virginia Community College but has

not yet committed herself to just one major. She is interested in computers and said she hoped she would get a job working with word processors—and she has!



In case you haven't figured it out yet, Julie is the other half of the "newly-engaged" couple. Like her fiance, Rick, Julie also enjoys body building. Reading and playing the flute are two more favorite pastimes for Julie.

Congratulations on your engagement, Julie, and welcome to DMS!

Brenda Graves

TSD has a new summer hire typist this year (FINALLY!) Brenda Graves came all the way from Newport News, and she's ready to take on any typing the TSDers can give her.

Brenda graduated as an honor student from Warwick High School in June. She is staying with her sister in the area while she is working at DMS this summer. Sue is breaking her in real good with all those memos, lesson plans, guest speaker letters and **more** guest speaker letters!

Brenda has no definite plans for the future right now, but she is

interested in word processors and shorthand. She will return to Newport News in the fall and will go from there, possibly with a job in the secretarial field.



"It's so quiet up here," Brenda said about working in TSD. However, in her last job, she worked at an Army hospital at Ft. Eustis where "groups of soldiers and little kids" were in and out all day. So TSD would seem calm to her after that!

When she's not working, Brenda finds time for reading, rollerskating and bowling. She is also an artist, with cartooning as her specialty.

It's nice to have you with us, Brenda.



Maria Bumbrey

With Sue Phillips moving to TSD, Bev got kind of lonely in DCAG. So Maria Bumbrey came to give her some company and take on part of the typing load.

Maria will be a Junior at George Mason University majoring in Public Administration in the fall. Although

this is Maria's first government job, she says she intends to do government work after finishing school.

So far, she has mainly been typing class schedules—"I think I like those," she said. (But wait until you get the task analysis and lesson plans, Maria!)

Maria likes shopping and exercising. (She'll get plenty of exercise keeping up with the guys in DCAG!) Welcome aboard, Maria!



Time for Water Safety

With the prime of summer upon us and everyone taking off for the beach, we must not spoil our vacations and fun by ignoring basic water safety rules. Water-related accidents can be avoided if simple rules are remembered.

1. Check the water temperature before plunging right in. Water that is too cold may cause hypothermia, lowering the body temperature below 98.6 degrees Fahrenheit. Although your skin temperature quickly adjusts to the water temperature and thus you may not realize how cold your body is, you should be on the lookout for some signs that warn the body of extreme cold water: loss of arm/leg dexterity, decline in alertness and sensory perception and impaired judgment. Easily recognizable symptoms of hypothermia are: shivering, muscle cramps, bluing of lips, earlobes, fingers, or toes, and unusual or uncontrollable breathing (gaspings or rapid breathing).

NEVER dive directly into cold water! This extreme temperature

could be a shock to your body and cause you to automatically gasp, suck water into your lungs and drown almost immediately. To get your body accustomed to cold water, rub your extremities with the water and jiggle your arms (up to the elbows) in the water. If the water is still cold or uncomfortable, you should leave the water rapidly to overcome the shock of the cold temperature.

2. Don't drink and swim. Alcohol consumption impairs judgment which leads to overconfidence and foolishness in the water. Too many swimmers who have been drinking alcoholic beverages become overconfident and feel they can swim farther distances. This is often caused by peer pressure. However, distances are always farther than they seem and the swimmer becomes fatigued or exhausted which could eventually lead to drowning.

Also, you are more vulnerable to cold water when you have been drinking alcohol. The presence of alcohol in your system speeds the loss of body heat in the arm, leg and stomach muscles.

3. Don't swim in unauthorized or unknown waters. Gravel pits, quarries, ponds and rivers are extremely dangerous areas because of the possibility of water hazards. Holes, currents, snags or other obstacles in the water and unknown depths are the main causes of injuries. Swim only in area where lifeguards are present, but also use your own judgment regarding the depth of water you are comfortable with. Don't over-extend your swimming capabilities.

4. Horseplay, running and shoving are dangerous, either at the beach or at the pool. Remember that not everyone can swim, and those who are swimmers may panic if thrown in unexpectedly. This so-called "joke" can lead to a serious accident.

Water activities are fun and can make the summer memorable. By following these simple rules, we can all have a safe, fun-filled summer.

Menu Mixup!

by Kristi Yeargin

At a recent farewell luncheon, the waitress mixed the orders. Four of our summer hires had each ordered a main dish as well as an accompanying item. However, the waitress put every item in front of the wrong person!

She served Tammy a hamburger and french fries; Daniel, a grilled cheese and chips; Patti, a salad with french bread; and Amy got a fish sandwich and cole slaw.

Although nobody got **either** item he or she had ordered, nobody got **both** items ordered by anyone else.

After a quick shuffle of items, when things were where they belonged, the person opposite of Amy had the french fries, the one on Patti's left had the hamburger, the person to Daniels right had the salad, and Tammy was sitting between the person who ordered french bread (on her right) and the one who ordered the fish sandwich (on her left).

What had each of the summer hires originally ordered?

(answers next month)

Answers to Picnic Prank

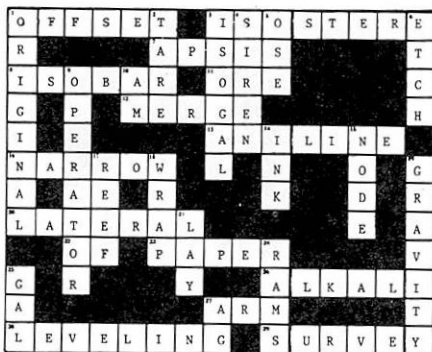
The winner of the Badminton Championship was Phil, the Chief Instructor. Bill is the Survey Instructor.

As stated last month, the puzzle was fictitious but the author visualized center DMSers as the puzzle was written. They were:

Chief Instructor, SGM Philip Tarr
Survey Instructor, Mr. Bill Locke

The judges had one thing in common—They were all Lieutenant Colonels:

Bob, Lt Col Robert Swanson
Dick, LTC Richard Kuhblank
Jim, LTC James Hey
Milt, Lt Col Milton Ritchey



(SACS From Page 6)

Occupational Education Institutions, Southern Association of Colleges and Schools, Atlanta, GA.

Preliminary indications are that DMS fared incredibly well on their self-study and members of the team seemed well pleased with the overall capabilities of the School and the dedication and pride in their work that was shown by the instructors and staff personnel.

The final results concerning the SACS evaluation and the meaning of accreditation and its relationship to DMS credentials will be described in a follow-up article.

by Irene Peine

Answer to Cryptogram:

Experimental work performed at customer's request, such as sketches, drawings, composition, plates, presswork, and materials will be charged for at current rates and may not be used without consent of the printer.

A Friendly Note From Hawaii

To the Director, Staff, Faculty and Especially DCAG.

Aloha from Hawaii! I received my first Contour today and was at once homesick and reminded of a task left undone.

I want to first apologize for "sneaking" out without making the final round of good-byes. I hope you'll all forgive me; my only defense is that good-byes are very hard for me, and I cry so easily. Those who attended the farewell luncheon can attest to that.

DMS was more than just an assignment for me. It became my

home. Not just because I was there for so long, or because I homesteaded in the area. If that were all it took to make someplace a home, we'd all have a dozen homes world-wide. DMS became my home because of the kind of people who work there. I was adopted and made to feel a part of the DMS family, so much that I still feel connected to you all even though I'm 6000 miles away. If the Topo community were to be compared to a family tree, DMS would be the roots, nourishing and supporting the growth of the whole tree.

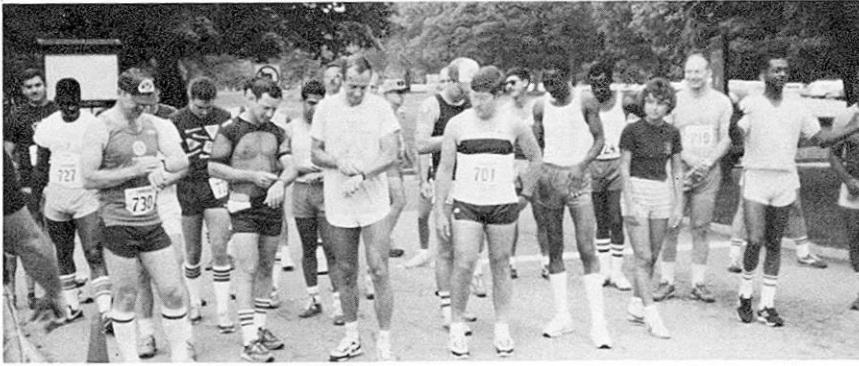
Obviously no tour can ever be all roses. There will always be rough spots and problems. It's the people you work with that make the difference in how those problems are perceived, dealt with, and finally overcome. It's the people you work with that make the difference between learning and growing in

your job or just getting through the tour. In these things, I was very fortunate to have worked in DCAG. Virtually everyone I worked with during my tour had a part in teaching me, supporting me and challenging me to exceed my perceived limits. I wasn't always the best student, but they never quit on me. Thank you very much, DCAG.

Hawaii is a very beautiful and interesting place. I'm sure I'll like it here and enjoy this tour. Still I look forward to going home someday, maybe not my next tour, but the one after, to DMS.

SSG Sandra I. Rivella
Intelligence Center Pacific
Camp Smith, Hawaii

Picnic Pix



Ladies and gents, synchronize your watches—"Hey somebody stole my watch!" said GySgt Eure.



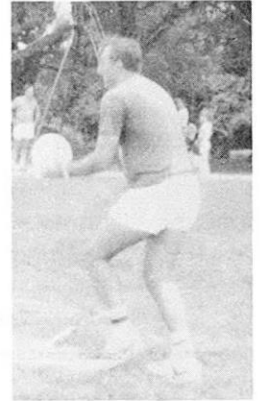
Ribs, ribs and more ribs for Jake and Shirley Jacobs!



Which is Burt and which is Wally? The twins strike again!



What's the score TSD? Surely not that bad Mary Ellen!



Watch out now! This one's going over!



Chad Dannelly says, "I think I can, I think I can." And he did!

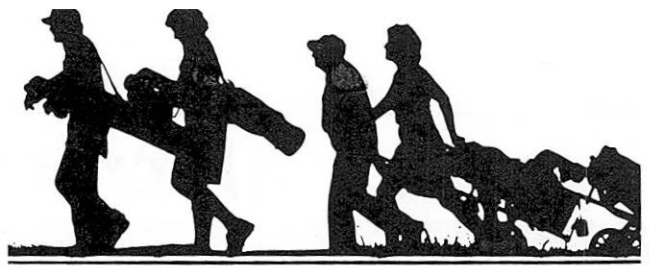
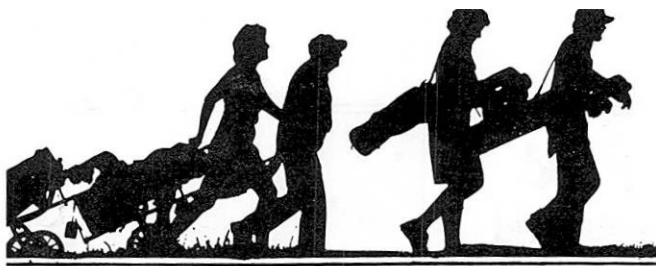
A very special thanks to Sgt Wallace for giving us use of his photos!



Having a good time SGM and Mrs. Tarr?



LT Daly and Sgt Aquino, that chicken was finger lickin' good!



It's Tourney Time!

Yes it's time once again for that all-familiar once a year get-together at the golf course! The 11th Annual DMS Golf Tournament! We know you had a lot of fun last year, so we'll be expecting to see you again this year, clubs in hand and ready to play.

August 2, 1985

Fort Belvoir Golf Course (North 18)

Team Best Ball

Cost: \$25 per player (includes Green fees, cart, refreshments, lunch)

Watch for flyers or submit names and checks to:

CPT Saxton

DMS-DCAG

Ft. Belvoir, VA 22060

Deadline for entry: 24 July 1985

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CONTOUR

Volume 12, Number 9

Defense Mapping School

August 1985

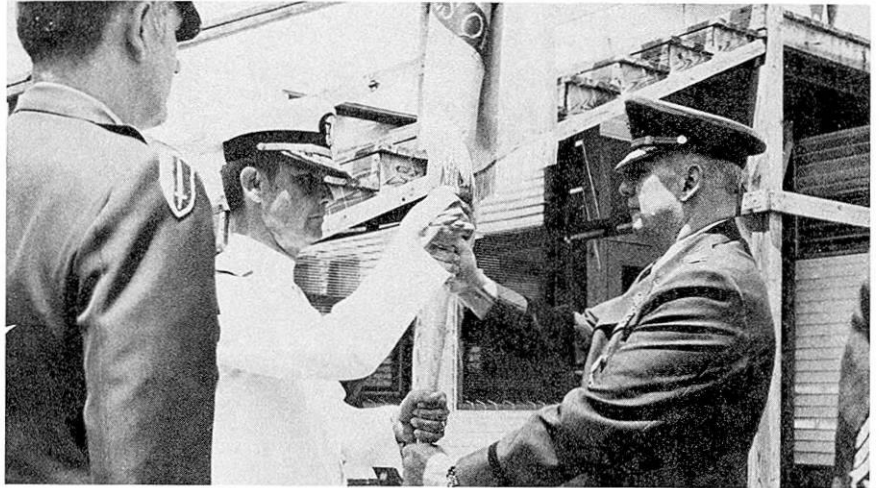
DMS Change of Command

As the hot sun beat down on the 17th of July, we watched as a new Director took command of DMS. COL David F. Maune was welcomed as the sixth Director of DMS as COL Stockhausen handed over the command after serving four years in the position. COL Stockhausen has been reassigned to become the Inspector General for DMA.

The US Navy Band played as the official party arrived behind Bagley Hall. RADM E.A. Wilkinson, Jr., Director, DMA, was the guest speaker and presented COL Stockhausen the Joint Meritorious Unit Medal. He commented that all of the MC&G expertise is a derivative of the instruction provided by the School. COL Stockhausen accepted the Joint Meritorious Unit Award on behalf of all associated with the School. He was then presented the Defense Superior Service Medal for his "major and lasting contributions to the quality of mapping, charting and geodesy production and management personnel throughout the Department



COL David F. Maune



COL Stockhausen gives DMA flag to RADM Wilkinson during the Change of Command ceremony.

of Defense and to the ultimate effectiveness of mapping, charting and geodesy support provided to military operations and weapons systems."

After the award presentations were made, the DMA flag was transferred from COL Stockhausen to COL Maune.

RADM Wilkinson commended COL Stockhausen and the School number of students who have received training from DMS over the past four years as well as the continued coordination and cooperation with the other services who provide support.

The Director of DMA said hail and farewell to both men in essentially one statement: "These two are going to switch jobs. If they do their new job as well as they did their old job, we will have the best."

In COL Stockhausen's departing

remarks, he thanked the faculty and staff for a "job well-done." "This Joint Meritorious Unit award belongs primarily to you," he added. He ensured his confidence that everyone would assume the role of leadership in accomplishing the mission of the School.

COL Maune greeted the audience by noting some familiar faces who have helped him through the years to attain his goals. As this is COL Maune's second assignment to DMS, he said, "I am proud to return as Director and look forward to working with you in the future." COL Maune comes to DMS after serving three years as Inspector General for DMA.

Upon the closing of the ceremony, a reception was held in the Heitmann Auditorium in Bagley Hall for everyone to greet COL Maune and bid farewell to COL Stockhausen.

June 1985 Award Ceremony

Military Awards

TSgt Peter W. Dunbar
Meritorious Service Medal

LTC Russell O. Reich, Jr.
Joint Service Commendation Medal

CAPT Robert E. Burrows
Joint Service Commendation Medal

SSG Daniel E. Patton
DMS Certification of Achievement

MSgt Ron Vogel
Suggestion Award

Civilian Awards

Civilian Performance Appraisals

Ms. Helga Yovorsky
Ms. Beverly Buford

Exception Civilian Service Award
Mr. Steve Falkenthal

Length of Service Certificate
Mr. Edwin Burton

Sick Leave Certificates
Ms. Joyce Zieres



Ms. Joyce Zieres



LTC Russell O. Reich, Jr.



TSgt Peter Dunbar



Mr. Edwin Burton

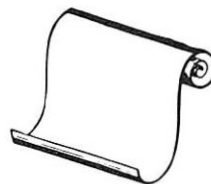


SP5 Bruce Farrington

Roll Call

Arrivals

COL David Maune
Maj Ron Lecki
Capt Steve Cincala
SFC Jimmy D. Watkins
SFC Jerome Anderson
SFC Roger Graham
Ms. Michelle Fazembaker



Departures

COL William Stockhausen
LtCol Robert Swanson
CAPT Bob Burrows
MSG William Elliott
SFC Augusto Aquino
SSG Daniel Patton
LIC Rodney J. Sharp
John Houchins



The Contour is an authorized newspaper, published monthly by and for the Defense Mapping School, Defense Mapping Agency.

Views and opinions expressed in this publication are not necessarily those of the DoD. Address all communication to:

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Over the past 24 years I have concentrated my career in the mapping profession. This is my 14th MC&G assignment, having previously served in diverse MC&G positions in Germany, Vietnam, Korea, England, HQ Department of the Army, DMS, and HQ DMA. In my recent tour as DMA Inspector General, I was able to query the worldwide MC&G community and discuss the issues with the U&S Commands served by DMA. As I mentioned at the DMS Change of Command on July 17th, I have

been impressed by three key points:

First. Army topographic field units are not alone in the mapping business. This is a complex, Joint Service profession with DMA capably at the helm. Our worldwide customers are extremely pleased with the services and leadership provided by DMA.

Second Having inspected the Components of DMA in depth these past three years, I was impressed with the DMA that currently exists. I am even more impressed with DMA's technological initiatives and modernization plans for the future.

Third. Professional MC&G education always has been and always will be extremely important. Whether we are teaching conventional MC&G subjects, or advanced technology of the

future, we need to be pro's in what we do.

I have always been impressed with DMS. This is an outstanding organization. I am delighted and honored to return as Director, and I look forward to working with you all in the future.

Colonel, USA

There are two times in a man's life when he should not speculate: when he can't afford it and when he can."

—Mark Twain

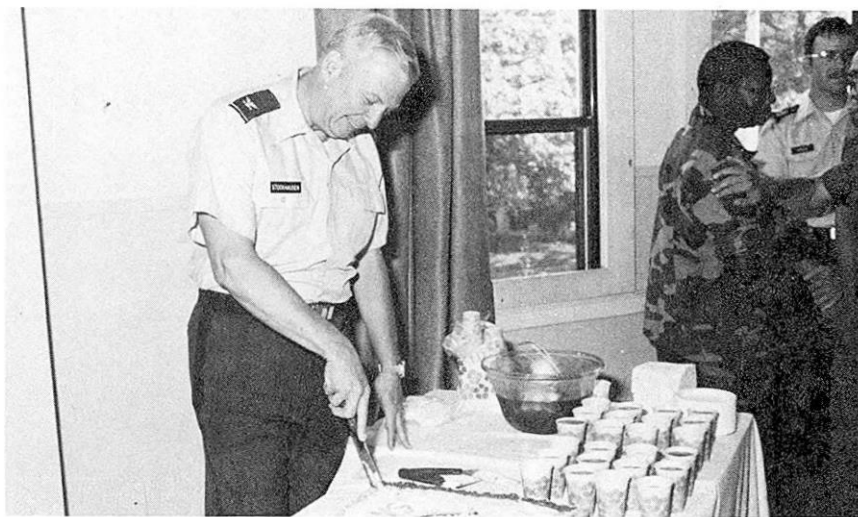
DMS Celebrates 13 Years

The June awards ceremony gave us a little bonus as DMS celebrated its 13th anniversary.

Because there are few at the School who remember well the formation of DMS in 1972, we would like to briefly recount the series of events which led to our existence.

In late 1971 and early 1972, personnel of the U.S. Army and Office of the Secretary of Defense met to confer on a Presidential decree. The decree stated that all military mapping activities would be consolidated, to include instructional and educational activities.

COL Maurice Kurtz, Jr., Director of the Department of Topography, represented DMA in the monumental struggle to form the School. After months of accumulating statistics, making and remaking visual graphics and preparing that very important presentation, the real battle began. Many debates, repeatedly ending in a standoff, were finally ceased when the higher ranking officials were brought on the scene. Everything



COL Stockhausen cuts the first piece of cake during a reception celebrating the 13th Anniversary of DMS.

then seemed to fall into place to make the transition to DMS.

But the transition occurred only due to the perseverance of many people. Their efforts, shown in the illustriousness of the presentations and the factuality of all supporting data, brought us to be the Defense

Mapping School.

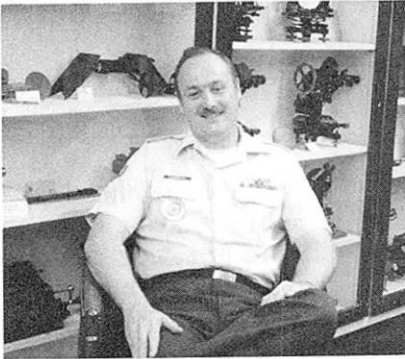
On July 1, 1972, DMS became one of the five Components of the Defense Mapping Agency. With the constant stream of talent at the School, DMS has continued to play a vital role in the MC&G community.



Focus on Survey

By CW3 Garrett Moore

Lobdell Does Well



This column gives a hearty, if belated, welcome to SSgt James E. Lobdell, USAF, who arrived here last January from sister DMA agency, the Geodetic Survey Squadron (GSS), Cheyenne, Wyo.

Jim is not a total stranger to DMS; he completed the Advanced Geodetic Survey course here as a student just last year about this time. He was so impressed by the experience, the staff and faculty, that he decided to become a part of it. And now he is.

This multi-talented NCO comes to us with a colorful background. Originally an Electronics Technician working on B-52 flight simulators, Jim gave that up to become an Air Force recruiter for awhile. Now he seems to have found his niche in the intricacies of Geodetic Surveying.

Not content to be merely a good technician, Lobdell has demonstrated good managerial sense by devising a way to reduce DMA's paperwork. DMA was so impressed that it awarded him an equally impressive award, estimating savings of \$14,000 the first year. Admiral Wilkinson recently congratulated Jim for his bright idea.

Jim wants to keep growing on the job. He already holds two Associate degrees from the Community

College of the Air Force—one in Electronics and one in Surveying Technology. He is currently working on a Bachelor's degree through the Board of New York Regents.

While Jim may have come to us by way of Cheyenne, his legendary skill in the kitchen gives new meaning to the phrase, "Home on the range;" indeed, SD is getting fat on his baked goodies! He also enjoys outdoor sports and loves to travel (a natural avocation of surveyors). Jim even writes fiction!

Our newest blue-suiter enjoys working closely with students and has a positive attitude in the classroom. He said, "The instructor's attitude makes a difference in whether a student succeeds or not. I'd like to think that while I was here, I helped a few future surveyors to succeed."

Jim, we believe you'll make it happen; we're proud to have you on the SD team.

Liz is a Whiz



SP5 Elizabeth M. Harschow cast her lot with the Geodetic Survey Division in SD recently. Liz, as her friends call her, came to us by way of Schwetzingen, West Germany, as a field-seasoned topo surveyor. Liz also served as a surveyor in the 82nd Survey Company, our neighbors across Ft. Belvoir.

But the Army didn't teach her everything she knows about surveying. The New Paltz, NY native also brings a great deal of knowledge

and experience to us from her pre-enlistment years in the Empire State. A graduate of Paul Smith College with an Associate in Science Degree in Forestry and Surveying, Liz also worked for a civilian engineering firm before deciding to "be all she can be" in the Army.

Our ambitious new-comer was attracted to the Army by the Veteran's Educational Assistance Program (VEAP). She has her sights set on attaining a BS in surveying and a license as a professional surveyor.

In her free time, Liz, like most surveyors, enjoys the outdoors—especially camping and hiking. (She can probably give you the Latin name, genus and species of every tree and wild flower.) When confined to indoor activities, she prefers racquetball.

Liz appreciates the friendly informality at DMS and already feels like part of the SD family.

Welcome to DMS, Liz: The motley SD gang is proud to have you hang your hat and plumb bob with "the rest of the best" in DMS.

Chris Croaks

At this time we would like to express our sincere condolences to SD over the recent death of Chris, the Black Widow Spider.

Chris became a member of the SD family after she was saved from a pile of leaves by CW2 Seeley's son Chris, the spider's namesake.

The cause of death is unknown, but Mr. Bradley said she had not been eating well, and they never got any web from her. "She'd fall off the stick before she'd give web," he said.

The people in SD are eager to adopt another Black Widow if anyone comes across one. If you would like to pay your last respects, Chris has been preserved and remains in SD.

The Ins and Outs of TSD

By Kristi Yeargin

Alas, but yet another departure from TSD! Major Dolf Nation ended his assignment as an instructor in TSD to return to the field of flying. He will once again take to the sky working as the Electronic Warfare Officer in the 69th Bombing Heavy Squadron at Loren AFB, Maine.

Maj Nation had been at DMS since July 1982 and was an instructor for a number of the courses in TSD. He presented classroom instruction on APPS 1, Error Theory and Remote Sensing, Photogrammetry and Calculus/Differentiation blocks for MC&GOC as well as serving as Division Chief for the Mapping,



Charting Division during his initial nine months at the School.

He has spent the past 18 months working on the development and implementation of the APPS 4 system and its course development.

Unfortunately, Maj Nation will not be here when the course is presented to the first class.

In addition to his steadfast work with the APPS system, Maj Nation has worked with several MTTs sent to various parts of the world, including the six-week Indonesian MTT and three MTT visits aboard aircraft carriers.

But these will not be the only things he remembers about DMS. "A big accomplishment was to get the mug idea off the ground and to get a room with a dependable air conditioner," he said.

Maj Nation, his wife, Cynthia, and daughters Tamara, Vanessa and Genevieve will be headed north shortly to settle before the next school term starts. He hopes to one day return to DMA, and we would be glad to see him around again.

Capt Steve Cincala

To even out the scale, as one Air Force officer leaves, another joins the TSD crew. Captain Steve Cincala arrived from F.E. Warren AFB, Wyoming to fill the position recently held by Major Nation in the Mapping, Charting Division.

In TSD, Capt Cincala will be the primary instructor for MC&GSOC and teach some classes for MC&GOC. He just finished running through the APPS course so he will be in charge of teaching all future



APPS courses. Capt Cincala has also been designated to be one of the project managers of a new course beginning in January—the MC&G Air Force Officers Course. He will be working on the design of this course as well as serving as instructor when the class begins.

Capt Cincala is a native of Ohio. He was born in Toledo and received a B.A. degree from Bowling Green University with a major in Geography and a minor in Geology.

In his spare time, Capt Cincala enjoys all kinds of sports and builds models. And what kind of models would you expect an Air Force guy to build? Airplanes, of course!

Capt Cincala lives on Ft. Belvoir with his wife, Tammy. They have two children, Nathaniel and Amy. Welcome to DMS!

Maximizer or Minimizer?

Two kinds of people populate the world: maximizers and minimizers.

Maximizers view the world as an arena of opportunity and challenge. Minimizers see the world as threatening and do all they can do to limit the threat.

Maximizers are busy people who try to use every minute of the day. Minimizers work hard not to be busy. Their days slide by—the quieter, the better.

Maximizers are helpful people. They see what's happening around them and pitch in where they see a need. Minimizers only see how things affect them, and have a hundred excuses why they can't be helpful.

Maximizers are always looking to see how things can be done. Minimizers know the regulations inside out, particularly the clauses that show how things cannot be done.

Maximizers accomplish a lot, but they make an occasional mistake.

Minimizers never make a mistake; but then, they don't do much either.

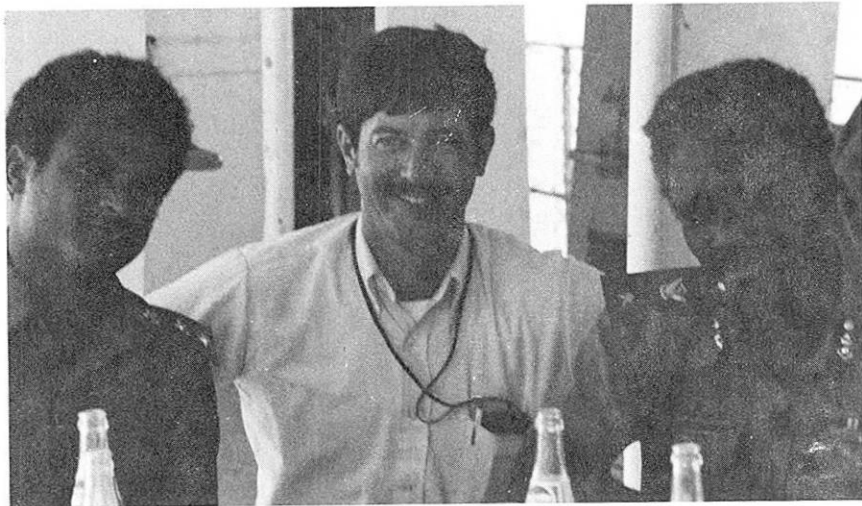
Maximizers have fun with their jobs and the people around them. Minimizers are loners. If they make friends, their friends might ask for help. It's easier not to have friends.

Maximizers get out from behind the desk and help make things happen. Minimizers use a desk for a fortress, a wall to keep out the nose of progress.

Maximizers are leaders. Minimizers even have trouble following.

What kind of person are you?

DMS Diplomats in Land of Sand



CW3 Miller joins Capt Abdelbasit and LTC Abdelfettah for a Pepsi during the trip to Sudan.

Late last year DMA was tasked by the Army's Security Assistance Center to send an advisory team to the Sudan to assist the Sudanese Army to plan, organize, staff, equip and train a military mapping unit, all within a \$2 million budget. To tackle this tall order, DMA appointed as Team Chief, LTC Gene Hazel (then of DMA-PPE, now commander of the 30th Engr. Bn.). DMS contributed the other two team members, that dashing, dynamic duo, CW3 Miller of GAD and CW3 Moore of SD.

After several winter weeks of brainstorming, wild guessing and hard planning, (punctuated with frequent immunization shots and chasing around for passports, visas and travel money), the team departed in mid-February. "We knew we were in for an interesting time when all the travel brochures on Sudan began with, 'Sudan appeals to the adventurous traveler...'" says Moore.

Getting there was half the fun. After being briefed on a variety of "Do's and Don'ts" by a very "paternal colonel" at Ft. Bragg (You'd have thought we were his sons going on our first date!" exclaims Miller), the team took off

from JFK International, New York, touched down in Paris and overnights in Zurich.

"We played tourist in Zurich," says Moore, "wandering about the city in a blinding snowstorm, clad only in our desert muffin. The Swiss must have thought we were daft!"

The next day the itinerary resumed with stops in Geneva, Athens, and finally, Khartoum.

Khartoum—it's an ancient place with more than a hint of the mysterious and the exotic in its name. To say it, evokes images of the remote and dusty ends of the Earth. "It is that," says Moore, "but like many other Third World cities, it is also a place of surprising contrasts—some poignant, some amusing. In Khartoum the traditional and the contemporary, the squalid and the luxurious all coexist." The seven-story Hilton hotel had every western amenity, but it towered over most of Khartoum whose buildings were mostly low, flat buildings made of crumbling bricks from the mud of the Nile.

Camels and goats park alongside two-decker buses and Mercedes sedans. Khartoum had busy, paved streets, but outside of town the principle mode of travel was still by

donkey or camel. In the colorful, noisy marketplace, beggars plead before store fronts displaying kings' ransoms in gold and ivory.

Khartoum is a Moslem city ruled by strict Islamic law, but which still has two Catholic churches thriving since antiquity. It is the capital of a country which has discovered its own oil reserves, but where taxis line up daily for miles awaiting their precious ration of two gallons of gas per day at a price of over \$2 per gallon. In Khartoum, drinking water is scarce, but the national drink is Pepsi. At the Hilton, the swimming pool water was actually refrigerated, almost too cold to swim in even in 100 degree heat; yet in the gamey downtown markets, fresh meat hangs on hooks in the open air, withering in the desert heat, blanketed with swarms of flies.

But the miracle of the place is that it exists and endures at all in the harsh sub-Sahara environment. It is sustained only by the Nile River. Hot dry winds blow the desert about in duststorms the Arabs call "haboobs," but along the fertile banks of the Nile, farmers still bend



CW3 Dave Miller presents the Sudan award to the Director at the June awards ceremony. CW3 Miller and CW3 Moore accepted the award on behalf of DMS during their visit to Sudan in February.

Continued on page 7

And Baby Makes Three!!

CW3 Garrett Moore

SD's Chief of the Geodetic Survey Division, Capt Ann M. Miano, USAF, gave birth to a baby boy on Monday, 22 July. The little future MC&G officer was born at 0825 and weighed in at 8 lb. 1 oz.

SD suspected something was amiss when Capt Miano failed to make Monday muster. We got our first clear hint of what was happening when she finally did call in to say she would indeed be late to work—by about six weeks or so!

Husband, CPT Joe Miano, USA, attended his wife through a particularly long, grueling delivery (over 24 hours). Says the Capt of her CPT, "I couldn't have made it without him." To us it all seems very tactical—Army support of an Air Force launch!



The proud parents are beaming. They have named their new boss Anthony Joseph. With ruddy cheeks and a full head of dark hair, even unbiased observers concur with Mom and Dad that this is one good-looking little fella. And who does the new baby look like? All observers agree that "A.J." looks just like...well, just like a baby!

After maternity leave, Capt

Miano plans to return to the Division helm. Meanwhile, instead of pinning on her bars everyday, she'll be pinning on "A.J.'s" diapers.

Congratulations and best wishes to the Mianos from all of us in SD and DMS.

Wedding Bells Ring

Paulette Gifford (GAD Secretary) was married to TSgt Larry Kommes, of AMS-L, on Friday, 19 July. The two were wed at St. Peter's Lutheran Church in Stafford at 6:30 p.m. Congrats Paulette and Larry!



Sudan—From page 6

and dig, plant and reap, just as they have for the past 6000 years.

"Our military hosts were gracious and generous to a fault," says Miller. "We came away very impressed with their motivation, their desire to get their country mapped. Their printing facility was excellent—I wish our topo units had as good!" Chief Moore adds, "The level of planning and coordination preceding our visit and the high degree of technical competence of their officers was very apparent."

After two weeks of briefings, visits and shirt-sleeve discussions, the team hammered out the draft of a comprehensive plan which met the original objectives to everyone's satisfaction. "In the process we met with no fewer than eight generals," says Moore, "including General Abdel Rahman Sawar-Dhawab, the current ruler of Sudan."

But it was not all work. "Our Sudanese hosts entertained us in their homes, their clubs and theaters," explains Miller. Among the cultural exchange highlights of the trip were a cruise on the Nile, an



CW3 Moore enjoys the rare sight of greenery, near the Khartoum Hilton.

evening of Tribal dance and music by representatives of various ethnic groups native to Sudan, and a trip to the Camel market where LTC Hazel got an unexpectedly vigorous roller coaster-like ride on an irate camel.

The Sudanese diet proved interesting, if monotonous after a few days. Every meal, every day, whether morning or evening, tended to consist of rice, beans, fresh raw vegetables, hard boiled eggs, hot sauces and an excellent fish—the Nile perch.

"But don't eat the 'Macaroni!'" warns Miller. The dish of familiar

tubular elbows in brown sauce turned out not to be macaroni at all, but diced, curried lamb intestines! "Good, but not great as lamb intestines go," laughs Moore, who tried some.

In lieu of the ubiquitous Pepsi, one could finish off the meal with chai (tea) or khawa (coffee). "Proper Sudanese coffee is as thick as 10W40 oil and is served with goat's milk and lots of sucre (sugar)," says Moore.

The officers of the Sudan Military Surveying Unit capped off their seemingly boundless hospitality by presenting each departing team member with personal mementos of their visit and medals for the Directors of DMA and DMS.

The legacy of this journey is a comprehensive, detailed plan in several phases which will help the Sudanese Army to put their country on the map. In fact, at a scale of 1:100,000, it will quite literally put the country on over a hundred map sheets. One outcome which could affect DMS directly is the proposed training of selected Sudanese Army officers and enlisted soldiers in several DMS courses over the next few years.

Purple Heart Celebrates 203rd Year

By Kristi Yeargin

During the Revolutionary War period, many soldiers were wounded or killed during battles against the British. These men fought bravely to help create our independent nation.

However, during that time, the soldiers received very little recognition in the form of medals or decorations for their courage.

On August 7, 1782, General George Washington changed this lack of recognition by creating the Badge of Military Merit, more commonly known today as the Purple Heart.

There was great intention behind Washington's idea to commend soldiers for their acts of bravery. Unlike the Purple Heart Award of today, though, it was not necessary for a soldier to have been wounded in order to be eligible for the badge. The Badge of Military Merit was given primarily to recognize "singularly meritorious action" and appeared as a heart-shaped medal covered in purple cloth. The word "Merit" was embroidered within a wreath, and the medal was edged in silver rope. This first medal was



August 7, 1782

given to Sgt Elijah Churchill, 2nd Regiment, Light Dragoons. Soon thereafter, the medal was redesigned with all embroidery removed. This revised, unornamented purple heart was presented to Sgt William Brown, 5th Connecticut Regiment and Sgt Daniel Bissell, 2nd Connecticut Regiment.

However, this practice of acclaim for soldiers' heroic acts during battle was quickly discontinued. The three men mentioned above were the only soldiers to receive the badge.

On February 22, 1932, the official Purple Heart Award was established for Army personnel and January 21, 1943 for Navy personnel. The Purple Heart medal is presented to any person serving the armed forces of the United States who is wounded in combat or enemy action. It is also awarded to the family of those personnel killed in action after April

5, 1917.

The medal kept the original heart design of the Badge of Military Merit with modern adjustments. The medal has a purple heart set on a gold-tone metal heart. A profile of General George Washington is placed upon the purple heart, also in gold-tone metal. General Washington's coat of arms (white with two red horizontal bars and three red stars) is placed directly above the purple heart. The back of the medal is entirely gold-toned with the inscription "For Military Merit" and a space for the recipient's name beneath.

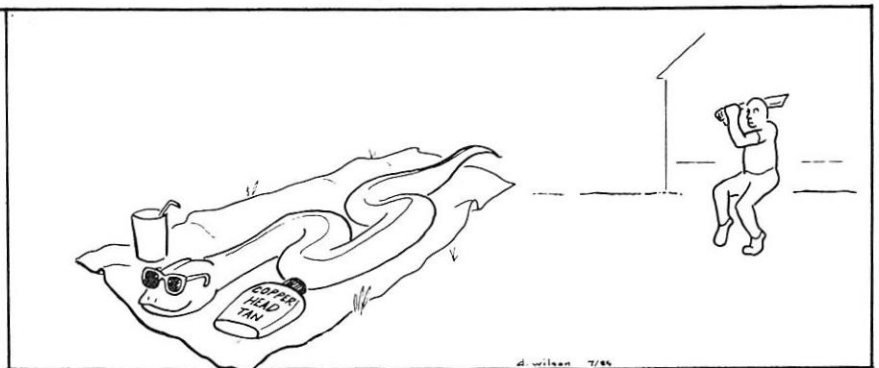
This year marks the 203rd year since the original Purple Heart Award was established. Many of these medals have been presented to personnel and families of personnel over the years. It is often not a joyous occasion when one receives this award because of the pain involved. You are proud to serve your country, but there will always be the anguish caused by wounds or loss of someone close to you. This medal would be unnecessary if there were no more battles and no more wars. But in the event of any type of combat action, it is imperative that we remember those who have been injured or killed, and praise their courage with the Purple Heart.

Sighted Snake; Sliced Same

By CW3 Garrett Moore

Mark Bryant, intrepid Air Force Staff Sergeant from SD, was recently astonished to discover a copperhead snake napping in his front yard. It seems the snoozing snake was equally annoyed with Mark for disturbing his nap.

They had words. There was some nasty name-calling; unkind comments about parentage, etc.; finally it escalated to all-out war. In the ensuing battle, there was much blood and gore. We are relieved to report that Bryant was apparently faster with his bush ax than the copperhead was with its fangs.



Victorious, Mark brought in a shoebox-full of copperhead pieces to amaze and revolt the morbidly curious in SD.

This gruesome sight was judged to be too shocking for women and children to view, and since this is a family publication, we can't show you the photo of the severed serpent.

While the snaggle-toothed invader has been dispatched, it is known that Virginia's most infamous venomous viper travels in pairs, or even groups. Copperheads also have their offspring in late summer. Could there be more of the dangerous little varmints holed up under Bryant's home?

To be continued. . .

Top NCOs Visit DMS

By: CMSgt L.B. Jackson

On 2 July, 1985, Chief Master Sergeant of the Air Force, Samuel Parrish, and the Sergeant Major of the Army, Glen Morrel visited the Defense Mapping School's Graphic Arts Department. SGM Philip Tarr, DMS Sergeant Major, and CMSgt Lylton B. Jackson, Chief Instructor for the Graphic Arts Department, conducted the in-brief and guided tour of the facility. The briefings focused on courses taught by DMS, and specifically, courses applicable to the printing career field. CMSgt Jackson had this to say about the distinguished visitors:

"I've briefed people of all ranks over the years, however, this was



CMSgtAF Samuel Parrish

one of the highlights of my career to have briefed both the Sergeant Major of the Army and the Chief Master Sergeant of the Air Force simultaneously. Seconds prior to conducting my briefing, I felt a tinge of nervousness, after all, this was no ordinary audience. In addition to the two gentlemen that occupy the top enlisted post of their respective service, the Fort Belvoir Post Sergeant Major, CSM Charles Tucker, and several other senior NCOs were in the audience.

"At one point during my briefing, a side issue was being discussed by SGMA Morrel and CSM Tucker. My task was to regain control in the most diplomatic way possible. After what seemed like an eternity, I interrupted and proceeded on to the next sub-point of the briefing. True to form for NCOs of their caliber, both gave me the nod of comprehension I needed, and things moved smoothly.

"The things that impressed me most about both CMSgtAF Parrish and SGMA Morrel is their down-to-earth mannerisms and congenial personalities. It became more apparent as we toured the student dormitory that they both were genuinely interested in people problems, and seldom waived



SGMA Glen Morrel

from gathering facts about soldier and airman living conditions.

"After the tour concluded, both SGMA Morrel and CMSgtAF Parrish indicated they were pleased with what they had seen, heard and observed. It was both my pleasure and privilege to have been a part of this distinguished visit, and represent both the Department of Graphic Arts and DMS."

Tact is the ability to describe others as they see themselves."

—Abraham Lincoln

Safety Sayings Schools Out!

By Art Fleshman

Sound familiar? Yes, that time of year is here again. Not only are the kids out of school, but the summer is in full bloom. That means traveling, picnicing, swimming, boating and of course, getting sunburned.

Have you made arrangements for the young people to have some safe, wholesome fun? Or are you going to let them "hang out" and just wander around? If you have made some definite plans, chances are they will be occupied and taken care of in a safe environment.

If your children enjoy swimming, it is much safer if they go to a maintained pool or lake area rather than to a river or creek that has no safety personnel on hand. Almost every week there is a report of someone drowning in an out-of-the-way "swimming hole." Don't take chances; be safe!

If you are taking the children boating, remember that the Coast Guard requires a floatation device for each person on board. Don't overload the boat and prevent accidents by forbidding horse play on the boat. Watch out for other boaters, swimmers and water skiers.

Whether you are swimming,

boating, hiking, bicycling or other recreational activities, don't overdo it. The name of the game is moderation. Particularly, don't drink alcoholic beverages to excess if you are driving or doing any of the things mentioned above. You need a clear head and sharp reflexes, especially when machinery is involved. When you don't have your complete wits about you, you could get a bad sunburn without being aware of it. You only need to be badly sunburned one time to remember it for the rest of your life.

Have a good summer season. You can have just as much fun, even more, if you maintain safety precautions in whatever you do.

We Did It Again. . .

By Richard Christ

Shortly after the founding of DMS in 1972, our first Director, COL Maurice K. Kurtz expressed a concern with the quality of the School's course offerings. This concern eventually resulted in our involvement with accreditation. Accreditation in the United States has two characteristics which causes it to be unique. First, it is voluntary and second, it is conducted regionally. These characteristics required DMS to request admittance into an accrediting association which, because of geographical location, was the Southern Association of Colleges and Schools.

The process of gaining membership in these accrediting organizations is remarkably similar throughout the entire system. It involves the preparation of an institutional self-study report which follows specific guidelines. This self-study is followed by a visit by an association team which verifies the content of the self-study and compares the institution's operation with the standards of the accrediting body.

As in most evaluations of this type, the findings are reported as a series of recommendations and suggestions. Recommendations are considered as breaches in standards and must receive corrective action. Suggestions are offered by evaluation teams to highlight areas for institutional consideration, but do not require specific follow up action.

The results of the 1980 SACS visit, which contained no recommendations and a few suggestions, established a precedent that was difficult to repeat, since it is rare that an institution not receive any recommendations.

In mid-July, DMS received the official findings of the 4-7 July accreditation visit. Once again, the School repeated its earlier achievement of receiving only a few suggestions and no recommendations. This is truly an outstanding, sustained level of performance.

The accreditation process required the coordinated efforts of a considerable number of DMS personnel, for an extended period of time, to produce the self-study report. However, it has been the sustained, combined efforts of DMS people, since the School was founded, which produced the quality of performance which was recognized by these evaluation reports.

During the past several years, society has become increasingly concerned with the quality of its schools. The media has published several critical reports dealing with various aspects of the educational

process and its quality. It appears that DMS is "bucking the tide" when a published report states, "The team is convinced that the School is in compliance with the COEI (Commission on Occupational Education Institutions, SACS) Standards and is fulfilling its mission in an exemplary manner. The feedback from graduates and the comments of students were particularly impressive."

As both the coordinator of this project, and the Educational Advisor I am constantly impressed by what can be accomplished by a group of people who care. Congratulations DMS.

Laubscher New ETL Commander

COL Alan L. Laubscher assumed command of the U.S. Army Engineer Topographic Laboratories (ETL) June 3. He succeeds COL Edward K. Wintz, who retired from active duty April 30. Laubscher was District Engineer for the Corps of Engineers' Galveston District prior to this assignment.

The engineer officer has held numerous command and staff assignments in the United States and overseas. Before his tour of duty as Galveston District Engineer, COL Laubscher was Assistant Director of Civil Works for the Lower Mississippi and Gulf, in the Office, Chief of Engineers. Prior to that, Laubscher was a systems coordinator in the Office of the Deputy Chief of Staff for Research, Development and Acquisition. Earlier, he was the G3 plans officer at Headquarters, VII Corps, in Germany. Laubscher's other assignments include three tours of duty in Vietnam. He commanded a combat engineer company in Korea and a combat engineer battalion in Germany. He also served as the deputy commander of ETL in 1968.

Laubscher's military awards include the Legion of Merit, Bronze Star Medal (five awards), Meritorious Service Medal (three awards),



Air Medal (two awards), Army Commendation Medal, the Coast Guard Commendation Medal, Purple Heart and Combat Infantry badge.

A native of Millbrae, CA, Laubscher received his bachelor of science degree in industrial engineering from Stanford University and a master's in geodetic science from Ohio State University. He is a graduate of the Army Command and General Staff College and the Army War College.



I have found the best way to give advice to your children is to find out what they want and then advise them to do it."

—Harry S. Truman



Team Work!

By CPT Maurice Saxton

Team work! How many times have we seen the term used in print? Every **Commander's Call** magazine stresses it, **All Hands** emphasizes it, **Airman** implores it and **Marine Magazine** epitomizes it. Team work!

On June 15, 1985, DMSers experienced first-hand the benefits of team work. For the past year, we watched as TSD unfolded their plan for the assault on Ft. Hunt. Their team, well organized, expertly trained and armed with a sense of mission slowly descended upon us, carefully but surely drawing us into their team. A T-shirt here, a doughnut there, a personalized mug for your desk, and don't forget the hats; we all became involved in the team.

"Teams!"

"What about teams?"

"Can you run three miles?"

"You have to be kidding. I'll throw

horseshoes."

"Sign me up for volleyball."

"Who can run?"

"We better practice!"

Suddenly, not only were we working together, but also "playing" together. Building esprit, motivation and yes, team work within the divisions.

"My Marines are going to take this race."

"This is our year for volleyball."

"The NCOs are going to clean the bases with officers this time."

"We're going out to run the course. Why don't you join us?"

There was communication taking place here. Granted it was very informal, to start, but as we ran we began to share problems and solutions; ideas and concepts. People who are not normally in the "power circle" were being heard and the school benefitted.

The outstanding work done by LTC Griffith's people needs to be commended. It was a fantastic job on a monumental task. I'm sure I speak for everyone there; we really

appreciated the fine work you did. The picnic was our annual renewing of esprit and team work. Unfortunately, it's like the village of Brigadoon; it comes to life once a year and then vanishes.

What can we do to hang on to this euphoric, albeit short-lived, high?

Sports have long been recognized as a team-building, morale-producing activity. We at DMS need to get involved. True, we are not the young jocks that abound in other units, but we do have talent. We may not win post championships, but we can have fun and enjoy the benefits of team work and comraderie. I encourage each of you to assess your talents and get involved.

This is a two-way street. When people give their time and talents to get involved in DMS activities, they have to feel their efforts are appreciated. We, the leadership of this school, have to support our players. We should be removing obstacles to participation and creating a positive atmosphere that will lead to team work, communication and mission accomplishment.

Former Instructor Tours DMS

By Irene Bellefeuille

Former instructor Sgt David Sharp (USA), his wife and children were given an impromptu tour of DMS 23 July.

Dave had been an instructor in the Department of Cartography (now DCAG) from 1971 through part of 1974. He and his wife, Debbie were married at the Ft. Belvoir Chapel during his assignment to DMS.

Their trip back to Ft. Belvoir from Indianapolis, Indiana was to give them a chance to reminisce with their children, 11-year-old Brian and six-year-old Lisa, about a place that held very special memories for them.

Debbie, a native of Indiana, said that at the time Dave left the Army, it was hard for them to decide whether to stay in Virginia or move back to Indiana. However, an attractive job offer for Dave from the Union Carbide Corporation of Indiana made the decision for them. They



haven't regretted returning to Indianapolis, but, because of their love for this area, they vowed to come back someday, and that they did! They made Ft. Belvoir first on their list of places to see and things to do while in the Metropolitan area.

Dave especially enjoyed talking to CW3 Dave Miller and Bev Eppolito. They talked about old friends Marlin Yelton, Norman Andersen, Bill Sutton, MGySgt Cavender and others the Sharps' knew while

assigned to Ft. Belvoir.

At the end of the tour, both Dave and Debbie said that reminiscing with the people at DMS would be the highlight of their journey back to Virginia.

Dave and Debbie live near the Indianapolis Speedway, and the route I normally take when I travel west. From now on I'll be thinking, "Hi Dave, Hi Debbie—How are Brian and Lisa?" as I circle Indianapolis!

Coming Events

Here's what you can expect to see in the September issue of the CONTOUR!

DMS Golf Tournament
EEO
TDE New-comers
Trivia
Puzzles

Buy, Buy, Buy!

By Kristi Yeargin

On 28 June, thirty six DMSers embarked on the South Post Golf Course to face an unusual challenge—a very unique, somewhat frustrating experience for many unaccustomed to paying for their golfing sins. This adventure was the beginning of something to be revered by future DMS generations—the DMS 1st Annual “Buy” Golf Tournament.

The idea behind the “Buy” Tournament originated from the power minds of LTC Hey and CPT Saxton, the “official rule-makers.” In order to distinguish this golfing event from the already established DMS Golf Tournament (members of



Did you ever find that ball you tried to hit me with, Elliott?!!

DMA Components invited to participate), these two sportive officers set down some guidelines that don't **exactly** go along with normal Sunday play.

Each DMS participant pays a \$2 entry fee but also pays his/her own green fees. Then as the player breaks one of the “Buy” rules, he is penalized \$2 for each infraction. “I'm glad there's a \$10 limit!” was a popular saying for those players who had more than five infractions!

But just what does the player have to do to “buy”? According to the official “Buy” rules, a player will



Look at that stance! Did Lynn make it? Yup!!!

donate if:

1. Failure to drive past ladies tees.
2. Swing and miss.
3. Three hits or more to get out of sand trap.
4. Four putt any green.
5. Ball landing in, hitting, rolling through road, cart path or trail.
6. Swinging clubs in anger, frustration or assault. . .

just to mention a few! Of course, at the end of the tournament, the number of infractions was totaled for each player to determine the amount of “post-tournament refreshments” he/she had to “buy.”

Awards were presented during the “refreshment/recovery” period with LTC Hey serving as the Master of Ceremonies. SFC Aquino

received the “Best All Around Golfer” award; SFC Gunn, “Take Up Another Sport” award; LtCol Swanson, winner of “Hawaiian Golf Shoes;” and LTC Kuhblank had the dubious honor of receiving the ornate “Next Tournament” award. The only way he can get rid of this monstrous trophy is to host the tournament next year and pass the award on to another fortunate DMSer.

The tournament was designed to give the average (or below average) golfer the opportunity to get involved in a DMS activity without feeling any pressure about his/her game. Everyone who participated in this unique rendition of golf had a great time. May the DMS Annual “Buy” Golf Tournament tradition carry on!



MSgt Charles and SSgt Castle enjoy a little refreshment.

DMS Mixed Bowling League

By SFC Robert Holt

The DMS Mixed Doubles Bowling League will begin its 1985-86 season Sept. 8. Openings remain for several teams. However, the league will be limited to a total of 12 teams. The league will bowl at 6 p.m. every Sunday, except for designated holidays, at the Fort Belvoir Bowling Lanes on post.

Team entries are limited to at least two persons per team to be either past or present DMSers. A league meeting will be held on the 28th of August at 1330 hours in the Bagley Hall Auditorium. All league members are encouraged to attend.

For further information, or to sign up, please contact either SFC Holt (43098) or SGT Slusher (4171) prior to 23 August.

SUMMER SPORTS

Attention Intramural Bowlers

By MSG James Cain

Yes, it's that time of the year—the Intramural Bowling League is about to begin. In the past, DMS has entered at least two teams in this league and will do so again this year. The Intramural Bowling League is open to all military personnel assigned to Ft. Belvoir.

In the past years, the DMS team or teams have excelled in this league. Last year's team finished fourth in the 12-team league and was awarded a spot in the Post roll-offs. Even though the team lost to the runner-up, the season was successful with DMS and members of the team

winning several awards.

Just two years ago, the DMS team was Post runner-up. In other years, dating back to the beginning of DMS as it is known today, the team made the Post roll-off each year. We hope to keep this tradition alive again this year by bringing home the Post Championship.

All military personnel that are interested in trying out for the team should contact SFC Cowan (GAD-PR) 3098, or MSG Cain (GAD-OP) 4171.

To everyone else, we invite you to come out on Tuesday nights, 1800, at the Belvoir Bowling Lanes and support the team.

News Briefs

Inspire '85

A festival on Arts, Leisure and Sports for Disabled Persons will be held on the Capitol Mall on 20-21 September. The festival will consist of music, drama, comedy and a variety of activities representing the performing arts, demonstrations and exhibitions, with educational and public information areas. A special tent will consist of arts, crafts, and other leisure pursuits. A "Presidential 10-K Race" will be held on 21 September. It is projected that more than 2,000 disabled and able-bodied runners will participate in this event. Political leaders and celebrities have been invited to participate. The First Lady, Mrs. Nancy Reagan, is the Honorary Chairman of INSPIRE '85.

Voting Slogan Contest

You can do your part to encourage voting by participating in

the Defense Department's 1986 Voter Slogan Contest.

You may enter as many slogans as you wish that pertain to voter awareness and participation. The winning slogan will appear on all 1986 campaign posters, voter manuals and other materials.

If you have a "snappy slogan" for voter participation, send your slogan before Sept. 6 to:

Federal Voting Assist. Program
Office of the Secretary of Defense
Room 18457
The Pentagon
Washington, DC. 20301-1155

Did You Know . . .

During the recent SACS visit, CPT Waitkus discovered that one of the members, Dr. David Singer, was his old Junior High School Principal! Dr. Singer, now of Murfreesboro, NC, was the first principal of Radcliff Junior High School in Garden City, Mich. where CPT Waitkus was one

of the first students. CPT Waitkus said, "I became notorious for being the first student to receive a paddling by him!"

DMS is staying right in the public eye with all the recent press coverage we've received. In the July 12 issue of the CASTLE, DMS was recognized as one of the multi-service organizations on Ft. Belvoir. In this article, photos of SSgt Tommy Williams and Sgt Donald Sweet were featured showing aspects of just two of the many courses offered at DMS.

"Prejudice is a great timesaver. It enables us to form opinions without bothering to get the facts."

—Mark Twain

Climbing Temperatures, Declining Health

If anyone knows what humidity is, it's the people in the Washington Metropolitan area. When temperatures rise during the summer, you can be certain the humidity will also be at a high level. But this combination of high temperatures and humidity can be not only uncomfortable but also quite dangerous.

Last summer, the National Weather Service developed a system to measure the combination of heat and humidity. This is called the "Heat Index" (HI) (sometimes referred to as the "misery" index), and it is a measure of the combined effects high humidity and extremely high temperatures have on the body's ability to cool itself. For example, if the air temperature is 100 degrees Fahrenheit and the relative humidity is 50 percent, the effect on the body is the same as if it were 120 degrees outside. This extreme temperature and the lack of cooling one's system can cause heat

exhaustion or heat stroke, which could be fatal.

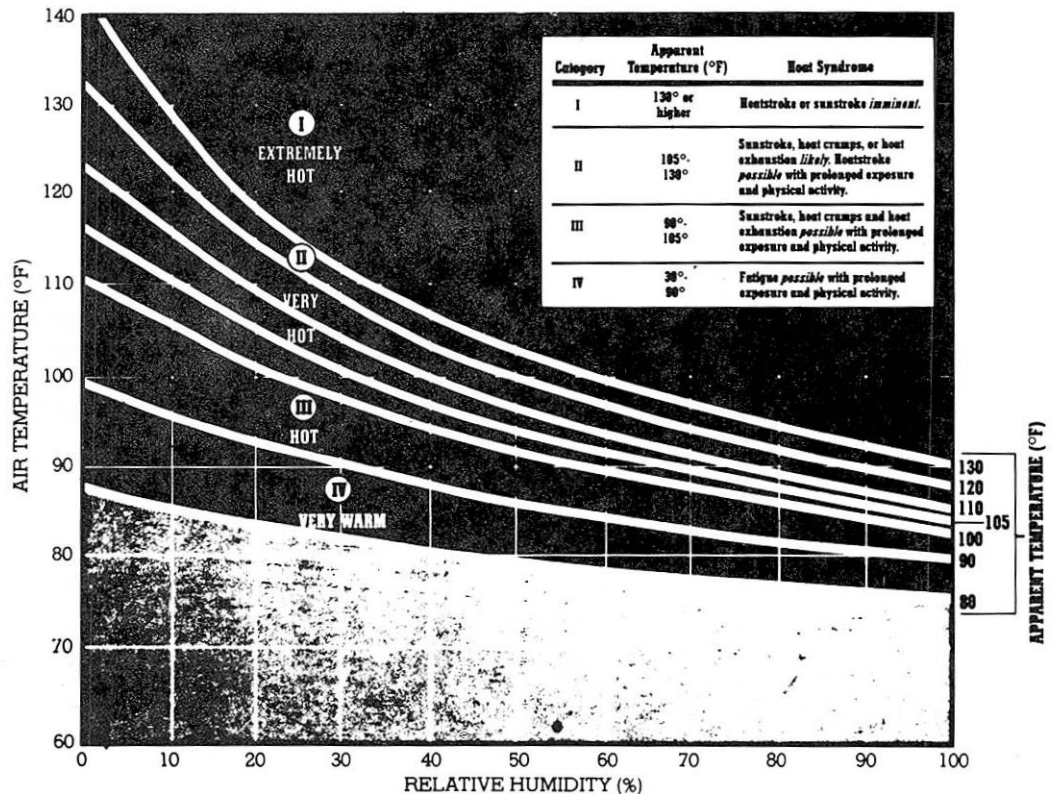
If you have been working or exercising outside and begin to develop a high body temperature, rapid and strong pulse, and red, hot, dry skin (possible unconsciousness), you may be suffering heatstroke. It's important that you cool the body immediately, either sponging off or resting in a tub of cool water. You should seek medical attention promptly.

Heat exhaustion may be recognized by cool and clammy skin, weakness, dizziness, nausea and possible heat cramps in the stomach and extremities. While the body's cooling system is still functioning with heat exhaustion, if treatment is not administered quickly, the victim could suffer from heat stroke, where the cooling system shuts down. In order to cool the system, if suffering from heat exhaustion, the victim should be given sips of salt water and lie with his feet elevated above his head.

Of course we can't control the climate and make every day sunny and comfortable, but we can take the precautions to avoid heat sickness. Drink plenty of liquids if exposed to high heat, preferably fruit juices or commercial sports drinks (such as Gatorade). And while you may feel like having "a cool one," avoid alcoholic beverages and definitely salt pills. Eat nutritious meals to maintain your strength, and circulate the air by using fans and opening windows, if you have no air conditioner. If it is absolutely necessary that you work outside on extremely hot days, don't overexert yourself and take frequent rest breaks.

The chart which follows will help you to pinpoint the actual body temperature, if you know the daily temperature and relative humidity. Prevention of heat-related conditions is much easier than the treatment. You know how the weather is here during the summer—act accordingly!

HEAT INDEX (HI)



Clove Cigarettes Don't Add Spice to Your Life!

The most recent legal tobacco product, the "kretek" or clove cigarette, is now believed to be hazardous to your health. The use of clove cigarettes has been associated with lung inflammation, which has caused one known death and 12 hospitalization cases.

Kreteks became popular in the early '80s and were marketed to appeal to the younger audience. Advertised as an herbal, low-tobacco substitute for regular cigarettes, kreteks actually contain 60 percent tobacco and twice as much tar and nicotine as moderate-tar American cigarettes.

But despite the tobacco, tar and nicotine, clove cigarettes have been accepted as an alternative to cigarettes and marijuana by some people. There have been claims that clove cigarettes give the same "high" as "low-grade" marijuana, only legal. At this time, sale of kreteks is illegal only in New Mexico.

The health concern with clove

cigarettes is caused by the active ingredient eugenol found in them. Eugenol has sometimes been used as a natural anesthetic to give relief for toothaches. However, it is now believed that the eugenol and byproducts created when other additives are burned may immobilize infection-fighting cells, allowing viruses and bacteria already present in the lungs to spread. There is also the possibility that the eugenol or other ingredients have a toxic effect or can trigger an acute allergic reaction. The most publicized case dealt with the death of a 17-year-old Californian who died from pneumonia several days after smoking a clove cigarette. Other cases have been treated in time.

Clove cigarettes are not all the spicy cocoa, carmel and licorice flavorings they are marketed to be. And while they may provide a pleasant smoking experience, especially to young people, rather than nausea and coughing, beware of their hidden dangers.

Answer to last month's puzzle

Well, the summer hires finally got their lunches, and within their half-hour lunch break! The four were sitting clockwise:

Tammy: salad and chips
Daniel: fish and french fries
Patti: grilled cheese and cole slaw
Amy: hamburger and frenchbread

Congratulations to summer hire Chris Thoureen, TSD, who called us and correctly straightened out the orders. (Maybe next time the summer hires should go to Pizza Hut in order to avoid this confusion!!)

Trivia

How many eggs are consumed by the average American each year?

276

When was ice tea invented?

In 1904 at the St. Louis World's Fair

Amount of weight gained by baby blue whales per hour?

10 pounds per hour

Number of quarts of ice cream consumed yearly?

15.4 quarts per person

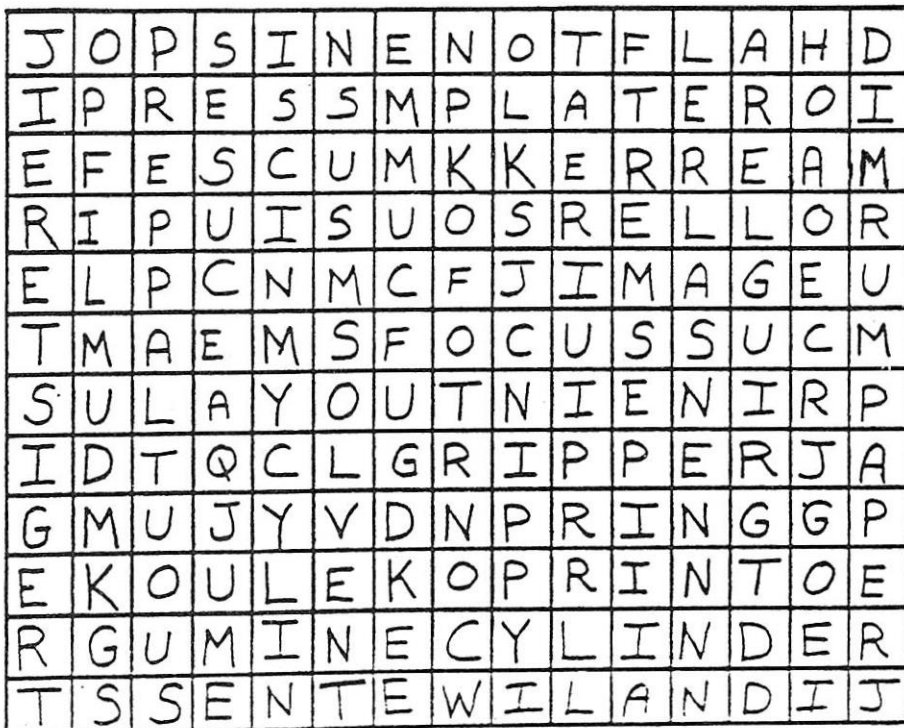
Number of recruits with high school diplomas?

93+ percent

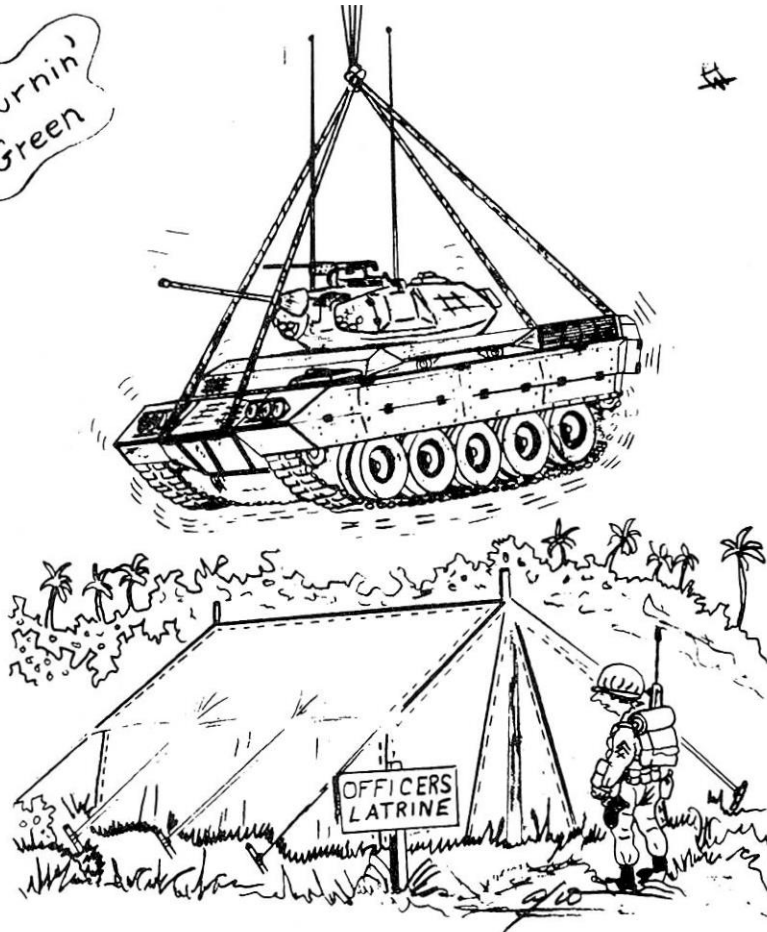
Word Find

The following list of words all deal with one of our specialties at the School—printing. See if you can find them all!

Cylinder	Offset
Film	Paper
Focus	Plate
Gripper	Press
Gum	Print
Halftone	Ream
Image	Register
Ink	Rollers
Jog	Scum
Layout	Solvent
Lens	



Turnin'
Green



"IT IS ONLY MY HUMBLE OPINION, COL. STOCKHAUSEN, BUT I THINK YOU SHOULD STOP
WHATEVER YOU'RE DOING AND GET OUT OF THERE, SIR."

DEFENSE MAPPING SCHOOL
FORT BELVOIR
VIRGINIA 22060
OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

POSTAGE AND FEES PAID
DEPARTMENT OF DEFENSE
DOD 326
THIRD CLASS

CONTOUR

Volume 12, Number 10

Defense Mapping School

September 1985

DMA's New Director Visits DMS



Major General Robert A. Rosenberg, Director, Defense Mapping Agency; Colonel David Maune, Director, Defense Mapping School and Lieutenant Colonel Milton W. Ritchey, Deputy Director of the Defense Mapping School.

The DMS faculty and staff gathered in a pack filled Heitmann auditorium Wednesday morning (Aug 1) to welcome Major General Robert A. Rosenberg, Director of the Defense Mapping Agency.

Within seconds after General Rosenberg began speaking, the audience became awed and enchanted and eagerly listened to every word spoken. His causalness, sincerity, openness, and skill in communication won their deepest respect.

As he spoke, he stressed the importance of the Defense Mapping School and how its role uniquely fits into the overall mission of DMA. "The School", he said, "is where it all begins." The DMS product is people — people who apply the skills learned through "on hands" experi-

ence to produce MC&G products so vital to our nation's high technology defense systems.

He further emphasized that without the products produced by DMA, high technology force-multiplying weapons systems would not be functional. DMA's products and inputs are prerequisites for our nation's strong military posture and high technology systems.

Despite the fact that the Soviet Union has the capability to outproduce the United States in the weapons race, our high technology advancements provide the U.S. with the deterrents to keep Soviet military strategists from trying to overcome us.

U.S. high technology and scientific advancements are superior to the Soviets because, in this country we have freedom -- freedom to pursue scientific knowl-

edge -- freedom to achieve one's potential -- freedom to be innovative.

In closing he reminded DMS employees to strive for the best work possible, but always remember to "Have fun when you work; we need to be able to laugh at ourselves in this serious world -- Fun is one of the basic things about being free!"

He also said, "I look forward to getting to know you a lot better over the years. This will not be the last time you will see me at the School."



DMA Sets Goals for 1986

In the coming year, emphasis should be placed on the transition and integration of the initial modernization efforts into production, high quality, satisfaction of the current critical requirements of our customers, the identification of future requirements and especially on our people by making DMA an enjoyable and exciting place to work.

In order to meet DMA's challenges, we must set ambitious goals, and in setting these goals, we must look for every opportunity to improve DMA and to prepare for the future.

by Major General Rosenberg

From the Director



Colonel David F. Maune

Professionalism is our most important product! Our job is to be professionals and to teach our students to be professionals. If so, you may rightly ask: What is professionalism? What does the Director expect of the DMS faculty?

Professionalism is a way of life that demands personal integrity; excellence in our chosen profession; and responsible stewardship of resources. Professionalism rewards its practitioner with great pride in accomplishment, respect and trust of associates, and motivation for greater challenges of the future.

Personal integrity is most important, the essence of any professional. One who knows his or her job to perfection, but lacks personal integrity, is a phony professional who sets a poor example for others to follow.

Although we in DoD must keep secrets, we should lead our personal lives so that we have nothing to hide from our boss; spouse, children or other family members; priest, minister or rabbi; doctor; lawyer; police; Internal Revenue Service, etc. A professional does not compromise his/her integrity for the sake of expediency. A professional doesn't act illegally or immorally, much less brag about getting away with it. A professional does not drink excessively or use illegal substances. A professional is mature, considerate of others, and has highest standards of personal behavior. A professional acts to strengthen the team as a whole and volunteers to assist others in need. A professional does not inflate technical data or knowingly make false or misleading statements that would cause others to make decisions not in the best interest of the Government. As members of the DMS faculty, you should never give our students the impression that there is anything clever about seeing what they can get away with without getting caught. I expect the DMS faculty to consistently set the highest standards of personal behavior and integrity.

Academic excellence is the backbone of DMS's mission. The faculty must be well educated and experienced, and we must produce technically competent graduates. I expect DMS faculty members to develop their own technical competence to the fullest so that we truly know our business and consistently teach with authority. I

expect you to give your best efforts towards development of quality graduates we can always be proud of. DMS has an excellent record in this regard, but we must never rest on past laurels.

We must produce responsible leaders who truly care for their subordinates and the best interests of the Government. A responsible leader is alarmed by fraud, waste and abuse in Government and acts to eliminate all forms of mismanagement. A responsible leader looks out for the welfare of his or her subordinates and considers their needs first. A responsible leader takes care of his or her facilities, equipment and supplies and is concerned for getting a dollar's value for each dollar spent. A responsible leader seeks responsibility, initiates action, checks details, assumes nothing, and allows nothing to "slip through the cracks." A responsible leader is conscientious and dedicated and takes personal pride in a job well done, even if the boss or others fail to recognize such accomplishments. I challenge you to find ways to incorporate such values into your programs of instruction.

In summary, professionalism is not just education and experience in MC&G or related sciences. We can all be professionals in what we do. Professionalism is a state of mind, an attitude about doing our individual jobs to the best of our ability. It is a warm feeling of pride in our hearts from knowing that we are the best and, as a team, we produce graduates who are the very best that we can make them to be.

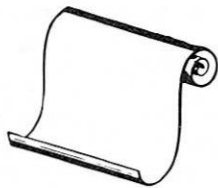
Roll Call

Arrivals

CW2 Ralph L. Henry
SSG James E. Greene
SSG Carlos Dizon
SP Timothy M. Brennan
SFC Floyd M. Spicer

Departures

SFC Augusto I. Aquino
MSG Kirby L. Barnes
GySgt Donald L. Gosney
LTC James E. Hey
MAJ Dolf C. Nation
SP5 John R. Vanscoy



Retirements

Lt Col Robert G. Swanson
MSgt Ronald R. Vogel
MSgt Ronald J. Myers

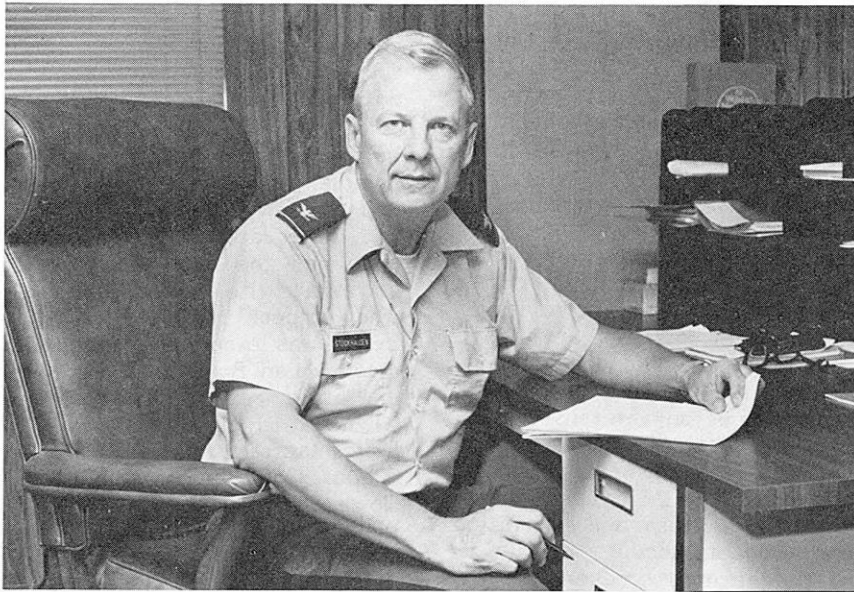


The Contour is an authorized newspaper, published monthly by and for the Defense Mapping School, Defense Mapping Agency.

Views and opinions expressed in this publication are not necessarily those of the DoD. Address all communication to:

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Fort, Belvoir, VA 22060
Director
COL David Maune
Editor: Irene Bellefeuille

DMA Appoints Stockhausen Inspector General



Colonel William L. Stockhausen, the new DMA Inspector General, is hard at work in his Office at HQ DMA, U.S. Naval Observatory, Washington, D.C.

Army Colonel William T. Stockhausen is the new Inspector General of the Defense Mapping Agency, succeeding Colonel David F. Maune who replaces Colonel Stockhausen as Director of the Defense Mapping School.

Director of DMS since July 1981, Colonel Stockhausen has long experience in the MC&G field, including command of the

652nd Engineer Battalion (Topo) in Hawaii, MC&G officer on the staff of the Commander-in-Chief, Pacific Command, and four years as Deputy Commander/Director of the Engineer Topographic Laboratories at Ft. Belvoir.

His previous DMA assignments included Chief of the Topographic Requirements Division and Deputy Director of the Plans and Re-

quirements Directorate at the Hydrographic/Topographic Center. Earlier Army assignments included troop duty with the 54th and 588th Engineer Battalions in Germany, the United States and Greenland and as Commander of Camp Century, Greenland -- "The City Under The Ice" -- while assigned to the Army Polar Research and Development Center. He also served as an engineer advisor in Vietnam and with the Alaska and Jacksonville Districts of the Corps of Engineers.

Colonel Stockhausen holds BS degrees in Chemical Engineering from The Johns Hopkins University and Civil Engineering from the University of Missouri and a masters in Geodetic Science from The Ohio State University. He is also a graduate of the Army War College, the Army Command and General Staff College and the Engineer Officer Basic and Advanced Courses.

He holds the Defense Superior Service Medal, Defense Meritorious Service Medal, the Bronze Star, Meritorious Service Medal and Army Commendation Medal. He is a registered professional engineer in the state of Missouri.

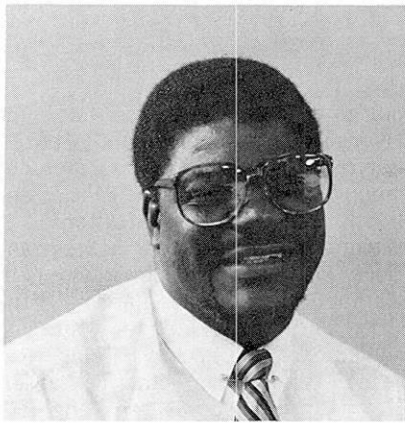
Colonel Stockhausen was born in Baltimore, Maryland. He and his wife, Joanne, live in Springfield, Va.



Lt Col Robert G. Swanson receives the Defense Meritorious Service Medal, First Oak Leaf Cluster from Colonel David Maune, Director DMS upon his retirement from the USAF.



Mrs. Maria P. Swanson is presented a Certificate of Appreciation for unfailing support and understanding during her husband's tour of active duty with the U.S. Air Force.



William Lewis

Mr. William Lewis, the DMS Equal Employment Opportunity Officer, was the School's representative at the 76th National Association for the Advancement of Colored People (NAACP) Annual Convention which was held in Dallas, Texas this year. The theme of this year's convention was:

**"Help Make Democracy Thrive
Join the NAACP!"**

The Defense Mapping Agency was one of the 150 government and private sector corporations displaying and disseminating information, as well as recruiting potential candidates. The convention was attended by eleven thousand to fifteen thousand people

Lewis Attends the 76th NAACP Annual Convention

from areas throughout the United States.

While Mr. Lewis' primary responsibility was to help staff the exhibit booth, he was able to attend various workshops and seminars, ranging in subjects from advanced career development to legal redress. Most of the workshops dealt with economic development, labor, public relations, legal "voting rights," legislative priorities, leadership development, legal employment procedures, special issues on veterans affairs, back-to-school or stay-in-school, and youth development programs. The thrust of this year's theme instilled enthusiasm and motivation in all who attended.

The keynote speaker was Dr. Benjamin L. Hooks, Executive Director, NAACP, Brooklyn, N.Y. He delivered a thought-provoking speech encouraging the audience to stay involved in the political, social, and economic development of this country. Dr. Hooks also encouraged the youth of our nation to stay free of drugs and to concentrate their efforts on ex-

cellence in education. Other speakers included many prominent political figures who spoke on issues regarding labor, health and human services, civil rights, and complex issues facing minorities and women.

Those attending the conference had the opportunity to see and visit with several celebrities who support the NAACP. Mr. Lewis was especially delighted to meet Julian Bond (member, Georgia State Senate), Dick Gregory (Human Rights Activist), Kim Fields (actress), and Tony Dorsett (Dallas Cowboys' Football Team). However, the major highlight of the convention (as stated by Mr. Lewis) was attending the Armed Services and Veterans Affairs Luncheon. At that luncheon, Rear Admiral Benjamin T. Hacker, Director, Total Force Planning and Educational Policy, Navy Department, Washington, D.C., delivered an eloquent speech acknowledging the armed services commitment and progress in affirmative action.

* * * * *

Knowledge Learned at the NAACP Convention

I truthfully admit that the most pleasing aspect of my trip to the NAACP Convention in Dallas was the sharing of professional ideas, suggestions, and information with EEO representatives from government and private sector organizations. In addition, I found it rewarding to meet face-to-face with the EEO officers and representatives of HQ DMA and the other Components and learn more about DMA EEO functions and related on-going activities.

DMA and Component EEO representatives are highly motivated people and speak with pride when they convey DMA employment facts to potential employee candidates and other requestors. In discussions with interested individuals, I learned that many people were unaware of the Defense Mapping Agency and their involve-

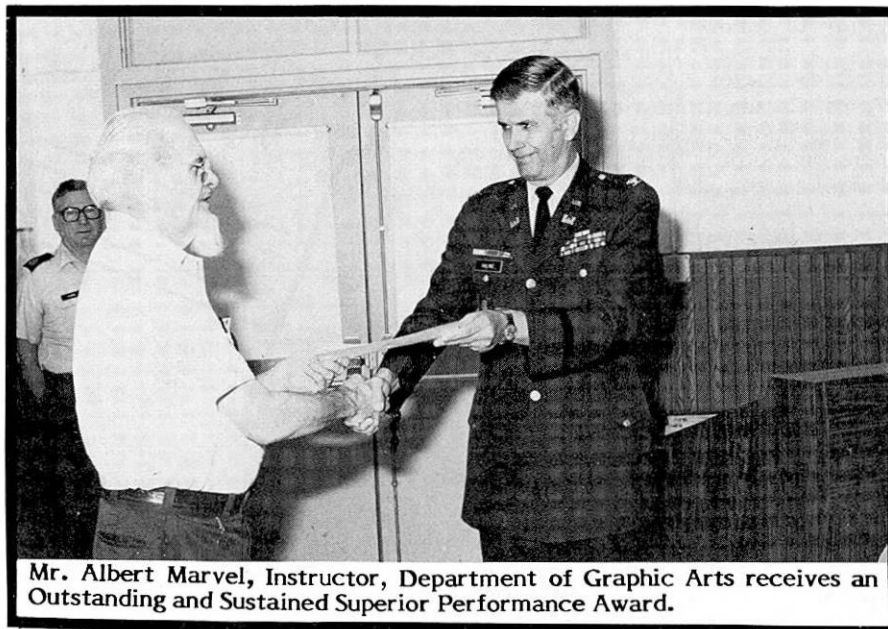
ment in Mapping, Charting, and Geodesy (MC&G). In fact, many did not know that MC&G is the science of measuring the size and shape of the earth. Nor did many of them realize that the Defense Mapping Agency employs nearly 9,000 people in approximately 40 different locations throughout the world and that DMA's production Centers, located in Washington, D. C., and St. Louis, Mo., produce more than 50 million charts and maps every year and that 60% of its mapping efforts is digital data.

Many other facts about DMA and their employment practices were discussed by DMA EEO personnel with individuals inquiring about opportunities with the Agency. These individuals were told that HQ DMA and the production centers in Washington,

D.C., and St. Louis, Mo., have delegated examining authority. This means that DMA personnel offices can recruit, examine, and evaluate candidates for their own use within the Agency without going through the Office of Personnel Management. The personnel offices located at the DMA Hydrographic/Topographic Center, Washington, D.C., and DMA Aerospace Center, St. Louis, MO, handle most of the applications for employment in the Agency.

DMA personnel offices are continuously looking for persons with background specialties in cartography, geodesy, geology, astronomy, hydrography, oceanography, remote sensing, photogrammetry, surveying, photointerpretation, optics, multi-spectral exploitation, and soft-copy image and processing analysts. However, cartographers make up 90 percent of hires with backgrounds in

See Knowledge, page 5



Mr. Albert Marvel, Instructor, Department of Graphic Arts receives an Outstanding and Sustained Superior Performance Award.

How Hispanics feel about Hispanic Week

Hispanics see the fabric of American society as something like a tapestry and all of us are different threads and hues--all coming together making America.

Manuel Oliverez, a former member of the committee and now manager of the Department of Defense Hispanic Employment Program said, "We see ourselves as very much the fabric of America -- to our boots...to our souls...we've fought in the wars, and in every war we've led...we've followed..."

...We're very proud of our heritage, our language, culture,

* * * * *

Knowledge from page 4

oceanography, physics, computer sciences, topographic engineering, and other scientific skills.

A major thrust was made in explaining to interested students and individuals that by combining several of their educational disciplines with work experience they could possibly qualify for employment in one of DMA's specialty fields. In addition, they were also told that many new hires come directly from college and are usually hired at a GS-7 level and of opportunities for advancement through DMA's training and educational programs.

The majority of DMA appointments are made through the competitive route; however, there are some hires made through

traditions and values. Hispanic Heritage Week is an acknowledgment that America is a pluralistic society made up of many pieces and parts; all working together.

We have Black History Month, Asian - Pacific - American Week, Polish Week and many observances, including St. Patrick's Day. That doesn't take away from the Irish being good Americans and believing in their country.

We're proud of being Americans, and also very proud of being Hispanic-Americans. For us, it's that one week of the year we're proud that the rest of the American people are proud."

* * * * *

established programs such as those for the handicapped, veterans, and affirmative action. Once an individual qualifies for employment, the final acceptance is determined by a security clearance which is made before actual entry on duty. Most of the DMA job vacancies are in the Washington, D.C. and St. Louis areas, but there are jobs available in Providence RI; Louisville, KY; Kansas City, MO; San Antonio, TX; and Cheyenne, WY.

After being a part of the DMA group that was responsible for promotion of DMA at the convention, I am more convinced than ever that DMA is truly an Equal Opportunity Employer.

by William Lewis

DoD Observes National Hispanic Week

On September 17, 1968, Congress approved Public Law 90-498 establishing Hispanic Heritage Week annually during the week that includes 15-16 September. This resolution called upon the President to issue an annual proclamation setting aside a week to focus attention on the achievements and aspirations of our Hispanic American citizens. This year the Department of Defense will participate in National Hispanic Heritage Week activities, with appropriate ceremonies, exhibits and maximum participation, during the week of September 15-21, 1985.

The Department of Defense observance will be held on Tuesday, September 17, 1985, at 2:00 p.m. in the Pentagon auditorium, Room 5A1070. The theme is "A Salute to Youth."

The point of contact for National Hispanic Heritage Week-1985 is Ms. Rosmary Howard, Acting Director, Communications and Community Liaison (694-5413) in the Office of the Assistant Secretary of Defense (Force Management and Personnel), Office of the Deputy Assistant Secretary of Defense (Equal Opportunity and Safety Policy).

Hispanic Americans always have been part of America's greatest strength--the diversity of its people. Through their talent and hard work, they continue to make outstanding contributions to the security to the Security of our nation.

Best wishes for a successful observance.

by Caspar W. Weinberger

HISPANIC AMERICAN WEEK

September 15

News Briefs

Conferences

The "1985" Security Office Conference will be held at the Xerox Corporation International Center for Training and Management Development, Leesburg, Va. from 28 October thru 31 October. The annual DMA Personnel and Equal Employment Opportunity Conference is also scheduled at the Center during this time-frame.

Because of the current focus on Personnel Security, the DMA Central Adjudication Office is considering several joint sessions with P0-EEO personnel. The simultaneous occurrence of the Conferences will provide an excellent opportunity to improve communications between Security and Personnel Staffs. The two groups share many mutual concerns and the joint sessions should help facilitate the formulation of policies and procedures that are in agreement with each group.

Pentagon Ski Club

The Pentagon Ski Club will hold its first meeting of the season on 17 September 1985 at the Cameron Station Officers Club. Membership is open to all active duty, reserve component, retired military, and associated personnel in the D.C. metropolitan area.

One-day trips to eastern areas and flights to the West of Europe are planned for the year. All levels of ski instruction are available from nonskier through racer.

If you cannot attend the meeting, contact the club's tape line at 587-2073 for an informational packet.

Army's Role in Space

The Army is embarking on an extensive review of its role in space. The exploitation of space capabilities is vital the Army today, and will be critical in the future. Present and future space technologies hold promise for unique solutions to a number of vexing problems confronting the Army. As part of this review, an operational concept and master plan for space are being developed

to provide an azimuth for the Army to follow.

As part of this process, the United States Army Combined Arms Center is hosting an Army Space Seminar for General Officers on October 8 and 9, 1985 at Fort Leavenworth, Kansas.

AJ's First Inspection



Captain Anne Miano recently brought her new baby, "AJ", into Survey for his first inspection!

AJ held up pretty well through all the visits but he doesn't look too keen on getting his picture taken (look at those fists!). Someone said it looked like he was practicing to give his first lecture!!

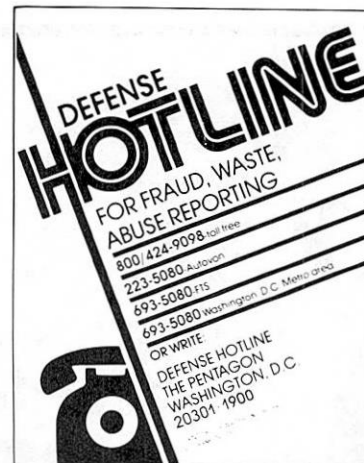
Golfers at DMS Tournament



Capt Saxton



More GOLF page 11



National Handicapped Week

In the past, the President of the United States has issued a proclamation declaring the first full week in October as National Employ the Handicapped Week. 1985 will mark the fortieth annual national recognition of the role of Handicapped Americans in all segments of life in this nation. Accordingly, October 6-12, 1985, will be designated as National Employ the Handicapped Week throughout the Department of Defense.

Secretary Weinberger announced that the DoD observance will be held on October 8, 1985 at 2:00 p.m. in the Pentagon Auditorium. During this ceremony, Handicapped Employee of the Year Awards will be presented to individual employees, along with certificates of Merit to those DoD Components which have managed outstanding affirmative action programs for the employment of handicapped persons. Mr. Peter J. Kensicki, of the DMA Hydrographic/Topographic Center, will be honored at the ceremony as the DMA Outstanding Handicapped Employee of the Year.

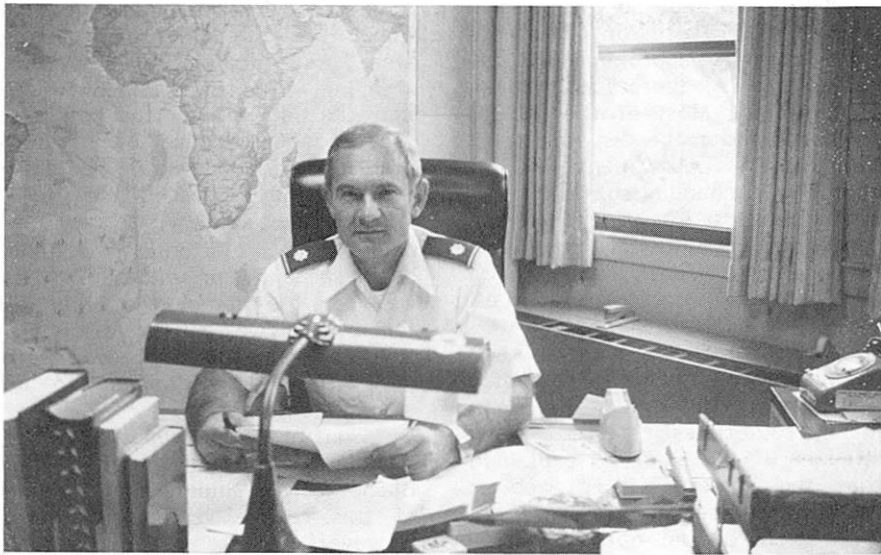
During this special week set aside to honor handicapped individuals' contributions, Major General Rosenberg, Director of DMA encourages all DMA Components and Field Elements to focus attention on the accomplishments of handicapped individuals within their organizations.

Octoberfest

An Octoberfest celebration will be held at the SOSA Community Center on 20 September 1985. The cost is \$2.00 per person to enjoy German food, drinks and music. For more information, contact SOSA at 664-1847.

Lt Col Ritchey is Appointed

DMS Deputy Director



Lt. Col Milton W. Ritchey, USAF, the New Deputy Director of the Defense succeeds Lt. Col Robert G. Swanson, USAF, who retired from military service August 31, 1985.

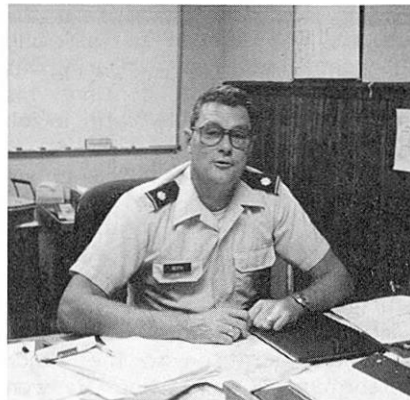
LTC Reich is the Chief of TDE

by Kristie Yeargin

LTC Russell Reich, Jr. joined the DMS ranks in mid-June to begin his assignment as Chief, Office of Training, Development, and Evaluation (TDE). Major MacPherson had been acting chief of TDE since January.

LTC Reich has been busy in his two months at the School. He has made a lot of changes already but says there is a lot of reorganization and restructuring yet to do. Some of the things he would like to see accomplished are the completion of the CCDs and to get the education specialists out to evaluate instruction at the School.

Raised in Annapolis, Maryland, LTC Reich has returned to the "hub-bub" of the metropolitan area after a tour as the MC&G Branch Chief for the Joint Strategic Target Planning Staff at Offutt AFB, Nebraska. "This has never been my favorite area since it's so congested and busy, although there is a lot to do," he said. "I'm used to the quiet now," he added, after assignments to Nebraska,



Kansas, and California.

LTC Reich and his wife, Louise, have three daughters, Becky, Rachel, and Rosemarie. The eldest daughter, Becky, is married and recently gave birth to the Reich's first grandson, Rusty. Rachel is 17 and will begin her first year at William Woods College in Missouri this year. The youngest daughter, Rosemarie, will be a fifth grader when school resumes in the fall.

In his spare time, LTC Reich enjoys golfing with the DMS group every chance he gets. But not all of his talent is tied up with the clubs; he also plays the 5-string banjo!

We're glad to have you on-board, LTC Reich. Welcome to DMS!

Safety Sayings

by Art Fleshman

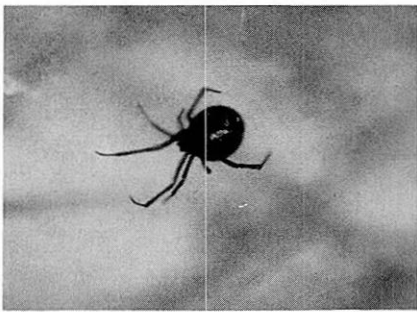
Have you ever been sued for \$100,000 or maybe a million dollars? It could happen to you very easily.

Sometime ago, I wrote an article on of the use of safety gear. As mentioned before, supervisors are required to make sure all personnel, faculty, and students use the supplied safety equipment, tools, and gloves for their intended use. The supervisor has no prerogative to waive these requirements. In fact, a person who knowingly allows another person to avoid safety requirements and, subsequently, an accident or injury occurs, may be subject to disciplinary action. Even worse, the supervisor could be involved in a lawsuit.

Brigadier General Goodrich, and others, made this and several other points quite clear at the recent DMA Safety Council meeting held at the Naval Observatory (HQ DMA). Other points were reiterated, such as supervisors even being careful about giving aspirin and over-the-counter drugs to someone, unless it is in an approved First Aid Kit. You cannot give anything in the way of medication or treatment unless it is a "life threatening situation." (See DMAM 6500.2, Ch.8 par. 4a (1)(f)). Again, be careful when giving even a band-aid for a cut; if the injury gets infected, you may be liable for further treatment. As silly as it seems, people have sued and been awarded money over simple, well-intended acts that went sour.

I don't want to give you the impression that you should ignore someone who needs help; just use caution when providing assistance. You may be protected under the Good Samaritan law, but be sure the person needing help will appreciate it rather than have a lawsuit in mind

An ending note - another safety point discussed during the meeting pertained to the requirement to have a number of our staff and faculty trained in CPR and First Aid. We have had CPR classes before but we should have at least eight First Aid people trained at DMS. I will be putting out more information on this soon. If you want to volunteer, we welcome your offer.



Black Widow Chris is Replaced

During the Survey Department's mourning period over the untimely demise of Chris, the Black Widow Spider, her replacement was found by SFC Guess. While mowing the lawn at his quarters in George Washington Village, SFC Guess saw the spider pop out from under the lid of the water check valve. She assumed a piece of cut grass which landed in her web was her entrapped prey. Seeing that it wasn't, she quickly hid back underneath the

lid. (Residents of George Washington Village, please stop packing and continue reading.) SFC Guess captured the Black Widow and delivered her to Survey where, unlike her predecessor Chris, she gave birth to approximately 500 babies shortly thereafter. (Speak of fertility) Most of the minute newborns had to be disposed of as the Survey Department is not equipped to handle so many poisonous spiders. The tiny ones can escape through the air holes and go unnoticed until they reach maturity and create havoc all over Wheeler Hall.

Why does Survey want to keep a Black Widow Spider in residence in Wheeler Hall? Survey's John Mann, sometimes referred to as "Keeper of the Spiders", explained that the spider's strong web is used to replace the crosswires on the reticle of the optical instruments. The crosswires are the line of site (+) one uses when trying to focus the instrument on its target.

Why use the web of a Black

Widow Spider? Hasn't modern technology invented anything more accessible? Mr. Mann continued to explain that new instruments have crosswires made from etched glass, but the older instruments were made to be replaced with webbing. The Black Widow's web can be stretched to half its length, and because of its substance, it produces a perfectly straight and unfripped line.

The new widow, as yet unnamed, lay motionless on her back, suspended in mid-air by her web for the duration of this interview. Two babies, also motionless, clung to a branch nearby. They didn't appear to be communicating.

Contrary to popular belief Wheeler Hall is not crawling with Black Widow Spiders from years of this reticle repair procedure. However, yesterday I did spot a Brown Recluse marching toward Bagley Hill singing, "Over hill, over dale, as we hit the dusty trail....."

by Ricky Blas

USAF Instructor Retires

by Kristie Yeargin

The Defense Mapping School lost a well-experienced instructor on 31 August 1985. MSgt Ronald Myers, USAF, retired after almost 23 years of military service. His final duty assignment was as an instructor and team leader for the Navy/Air Force Basic Lithography Course here at the School.

MSgt Myers joined the Air Force in 1962 after graduating from high school. He began his military career in Law Enforcement but, after three and one half years, he transferred to the field of Lithography. After a series of assignments in Reproduction Centers throughout the country and overseas, MSgt Myers gained his expertise in Lithography which he disseminated to others in the courses he taught. He was an outstanding NCO, and was twice-nominated for NCO of the Quarter while stationed at Andrews AFB.

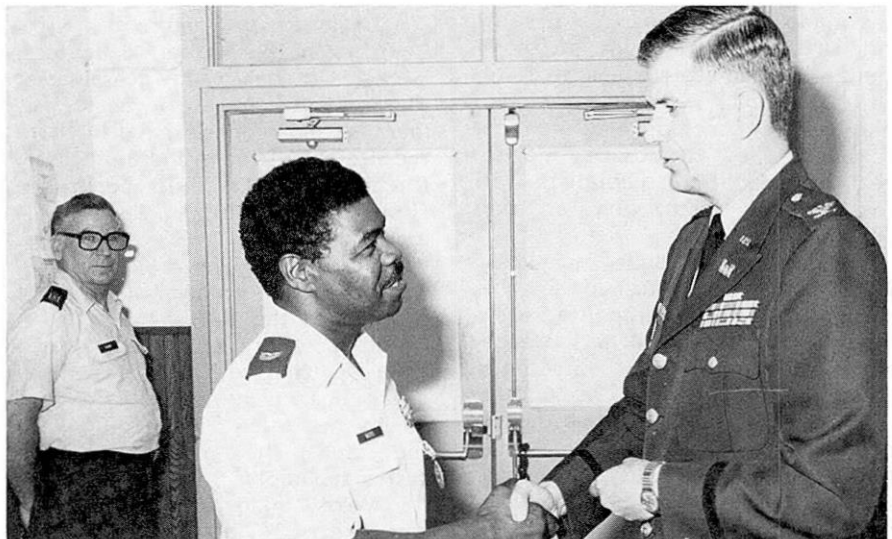
MSgt Myers was assigned to DMS two years ago and considered his position at DMS one of the best of his military career. He was a friendly, easy-going in-

structor who enjoyed his work and the people he taught. During his retirement, he will continue his interest in lithography with a job as a press operator.

Music plays a big role in MSgt Myers' life. He sings and plays the piano and guitar, and has been recognized for his musical ability. While on duty at Stuttgart, Germany, MSgt Myers participated in the Base Talent Show and went on to the Major Performance Competition. He won a monetary prize as well as two

television appearances for his piano playing and singing. He plans to continue with his interest in music and hopes to perform publicly in the future. Not only does he play piano in a professional manner, he has a lot of expertise in tuning and repairing them.

MSgt Myers was born and raised in Bryans Road, Maryland. He lives in Fort Washington, Maryland, with his wife Bessie, and his two daughters, Teresa and Keisha.



Colonel Maune awards MSgt Ronald Myers, USAF, the Joint Service Commendation Medal, first Oak Leaf Cluster upon his retirement.

The Continuing Saga of the Operation and Automation of the Logistics Office

Since my last article in the Contour (June 82), numerous changes in programs, policies and operations have taken place within the Logistics Division (AMS-L). Previously, it was stated that numerous DMS "Old Timers" were not pleased with the Air Force System. There was also a common overtone heard throughout DMS - "It will never work!"

Well, it's now 1985 and not only has the system worked, it's constantly being improved upon. The Supply Division (AMS-L) currently has 7 permanent employees and 1 temporary. These people have the responsibility for managing, monitoring and appropriate follow-up on all activities concerning Purchased Equipment Maintenance, Books and Subscriptions, Supplies, Minor Equipment, Investment Procurement Equipment, Facilities Maintenance, Map Requisitioning, Custodial Services, Silver Recovery, Service Contracts, and Loans. The Division also has responsibility for managing and monitoring approximately \$500-\$700K set aside for some of the above operations.

If, by now, you haven't realized it, the operation of this Division is critical to the overall mission of DMS. All operations must be accomplished in a timely and efficient manner so as not to hinder, in any way, the overall instructional and staff functions of DMS.

Currently AMS-L is in the process of loading information into a data base that has been developed specifically for AMS-L via a GSA contractor. This will provide much better control and more responsive status reports. It will take approximately 2-3 months to load this system which will, hopefully, be in full operation by the first of the fiscal year. It will maintain current inventories consisting of approximately 750 line items totaling approximately \$100-150K. Once the system is completely operational, various listings will be printed to assist the customers and will show what is currently stocked in the AMS-L warehouse. Another one of the listings will tell AMS-L employees

what items need to be ordered to maintain specific levels of expendable supplies required to support class and administrative requirements.

The following is a brief description of each respective area AMS-L is responsible for and whom to contact:

Purchased Equipment Maintenance

Cheryl Lee and Jeff Hamn are responsible for the repair of any equipment within DMS requiring maintenance that is performed by local vendors, Cameron Station or Ft. Belvoir Directorate of Industrial Operations.

Expendable Supplies

Frank Bruley, SSgt Saclabani, and Jeff Hamn are responsible for stocking, issue, turnin and requesting of all expendable supplies utilized throughout DMS.

Books and Subscriptions

Cheryl Lee is responsible for processing all orders for books and subscriptions that are obtained from commercial sources.

Minor Equipment

SSgt Saclabani and Jeff Hamn processes all orders for minor equipment required by the respective Office or Department.

Investment Procurement Equipment

SSgt Saclabani processes all the orders for Investment Procurement Equipment and monitors progress of the order until the equipment is received.

Facilities Maintenance

Jeff Hamn submits all requests for facility maintenance to the Ft. Belvoir Directorate of Engineering and Housing.

Map Requisitioning

Jeff Hamn submits all requests for maps and charts required by DMS to the Office of Distribution Services, DMA.

Custodial Services

Jeff Hamn acts as the focal point for all custodial service problems throughout DMS.

Silver Recovery

It is the responsibility of Jeff Hamn to monitor and report on silver recovery throughout DMS.

Service Contracts

Cheryl Lee requests and monitors all service contracts, such as groundskeeping, throughout DMS.

Loans

Jeff Hamn coordinates all activities involved in loans of DMS equipment.

Division Support

Michelle Fazenbaker provides clerical support for the division and Ed Burton makes all the supply and courier runs throughout the D.C. area.

This is a very brief synopsis of the Logistics Division operation. Feel free to contact the Logistics Division if there are any questions in any of the respective areas. We are here to assist in any way possible.

by MSgt Larry V. Kommes



Newly weds, Larry and Paulette Kommes are cutting a wedding congratulations cake presented to them by AMS at a recent get-together in the Logistics Office.

Nick's Artistic Talents Displayed at HQ DMA



Nick Mosura's most recent artistic achievement on display at Headquarters, Defense Mapping Agency, Washington D.C.

In the past it has been a DMS requirement that a new exhibit board be placed at HQ DMA every six months. The last four boards have been illustrated by our talented (recently promoted) Senior Visual Information Specialist, Nick

Mosura in the Office of Training Development and Evaluation.

The most recent exhibit includes four illustrations by Nick, and biographies from DMS's Public Affairs Office. The DMS personnel illustrated are all DMS instructors.

DMS "Over 30" Team Just Play for Fun!

by Kristie Yeargin

This is your second and final chance to see our DMSer's show their athletic ability on the field. The DMS "Over 30" team began its season on Aug 12 with a 12-9 loss, and have been on a losing streak ever since. However, the guys are sure they will win a few before the season is over. Really now, they are getting better --they almost won a couple of games.

There were quite a few DMS fans who cheered for the team at

the opening game but they really need to see and hear from more of you! After all it is their DMS fans that will give them the "gumption and the umption" to pull together a winning game.

So make it a must to come on out and join the fun at Specker Field!

Remaining games for this season are on 9, 12, 16, and 18 September at 6:00 p.m.

Roster for the "Over 30" Team

Doug Wrenn, GAD-P
Aaron Guess, SD
Jose Perez, GAD-P
Nick Mosura, TDE
David Miller, GAD-C
Bill Locke, SD
James Harnden, TDE

Wayne Charles, TSD
Joseph Barrentine, SD
Richard Carandang, SD
Andrew Yacenda, GAD-P
Jamey Byers, SD
Tommy Williams, GAD-P
James Huisenga, TSD-TE.

They are Air Force MSgt Ronald Myers, Department of Graphic Arts, Marine Sgt Claudia Rivas, Department of Cartography and Applied Graphics, Navy LT Brian Daly, Department of Topographic Sciences, and Army SFC Douglas Briggs, Department of Survey.

Mosura normally completes illustrations for the exhibit boards in approximately one and a half weeks. While viewing only a small photograph of his subjects, Nick enlarges and paints these life-like illustrations free-hand. He captures all aspects of the photograph, particularly the facial expressions, as well as detailed backgrounds depicting the instructor's area of expertise.

These exhibit boards are displayed in the first and second floor hallways at HQ DMA, Naval Observatory, Washington, D.C.

These exhibit boards are displayed in the first and second floor hallways at HQ DMA, Naval Observatory, Washington, D.C.

In his spare time, Mosura enjoys drawing illustrations "on the spot" of whatever strikes his attention and interest and painting scenes of the places he has visited.

He also likes playing the guitar and is very talented in this area --I know I've heard him play!

by Ricky Blas



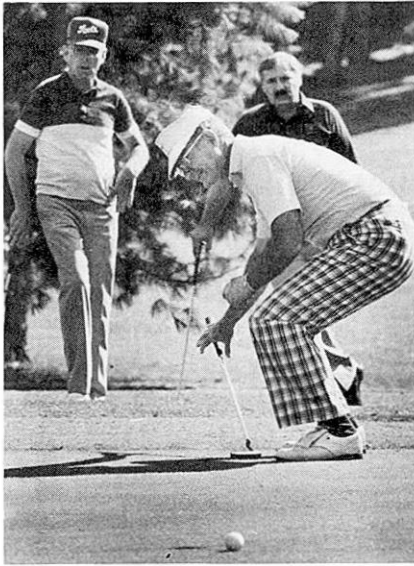
Jim Harden and Wayne Charles



Jennifer, Nick and Amy

Golf Tournament held at DMS

by Kristie Yeargin



Lt Col Ritchey



Enjoying a break with Col Maune



MSgt Charles

Ah, yes! we all remember it so well - the Annual DMS Golf Tournament!

Early, the 2nd of August, some new faces and a lot of familiar ones gathered once again at the North Post Golf Course, Fort Belvoir, to partake in a morning of swinging, putting, hitting and missing golf balls all over the 18-hole course!

Following an "exhausting" day of 18 holes, (Can you imagine how tired you'd be driving a golf cart around that course!) a buffet was held in the club house. Colonel Maune, DMS Director, came out to the tournament to present the awards to the winners and losers!!

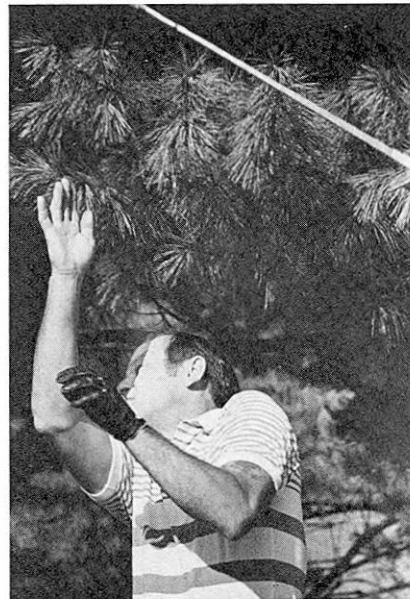
First place: Jackson, Gilliam, Hall, Mulkey (-9)

Second place: Jorgenson, Derrenberger, Milburn, Weise (-8)
(These guys won 2nd place two years in a row.)

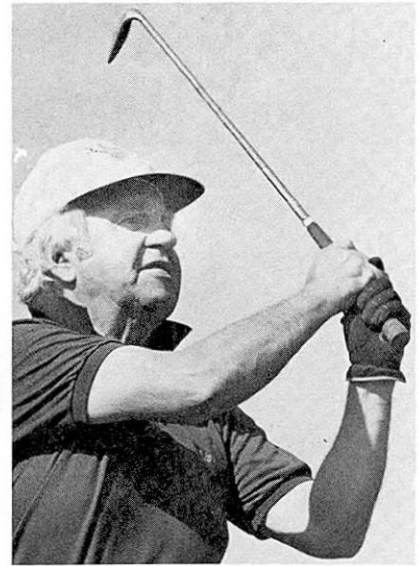
Third place: Ritchey, Yovorsky, Nolta, Sutton (-7)
(That's the way to go DMS)

Fourth place: Smithson, Anthony, Harden, Boucher (-7)

Another team from DMS - Setari, Michaels, Platt and Kressler, received the "Trailblazer Award" for finishing last.



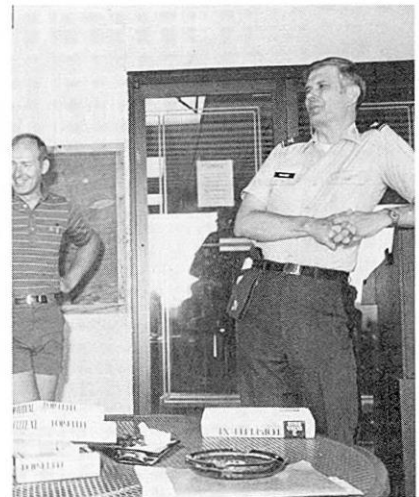
Whoops! -- Bill Sutton



Jack Barts



Bill Revell



Cpt Saxton and Col Maune

**Turnin'
Green**



I wonder where your shadow goes when you go through a tunnel?! I guess it's just one of the mysteries of life.

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OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300**

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DEPARTMENT OF DEFENSE
DOD 326
THIRD CLASS**

CONTOUR

Volume 13, Number 1

Defense Mapping School

October 1985

Give Somebody a Chance



Major General Rosenberg, Director of the Defense Mapping Agency, proudly signs this year's first Combined Federal Campaign card. Pictured with him is Mr. John R. Vaughn, the DMA Comptroller.

The first pledge card for this year's Combined Federal Campaign was signed by Major General Robert A. Rosenberg, Director of the Defense Mapping Agency and Chairman of the DMA Campaign in the National Capital Region, joined by Mr. John R. Vaughn, DMA Comptroller and Vice-Chairman of the CFC drive. General Rosenberg urged all DMA employees to check and prove to them-

selves "just how many of the CFC agencies involve us all at one time or another." He also reminded them that "we are uniquely blessed in being able to utilize our freedom of choice whether to give and to whom we wish to give. Check it out and I am sure you will be as generous again this year as you have been in the past -- and exceed our goal again this time."

CFC is Established by Executive Order

The Combined Federal Campaign was established by Executive Order in 1964. In March of 1982 CFC was reestablished by President Reagan with a new Executive Order. This new Executive Order makes clear that the Campaign's objectives are to lessen the burdens of government and of local communities in meeting needs of human health and welfare.

The campaign is open to voluntary, charitable, health and welfare agencies that provide or support direct health and welfare services to individuals or their families. This is the only authorized on-the-job solicitation of Federal employees in the National Capital Area.

The goal for the 1986 CFC is 20.5 million dollars for the National Capital area. DMA's goal, set by the Defense Department, is \$175,000. The DMS share of that goal is \$10,400.

The DMA kickoff for CFC is during the second week of October. Major General Rosenberg will Chair the DMA Campaign and the Comptroller, HQ DMA, will administer this year's funds. Each Component in the National Capital Area has been asked to designate a coordinator to manage the campaign within its organization. Captain Stephen Cincala is the coordinator for the Defense Mapping School.

The theme for the 1986 Combined Federal Campaign is "Give Somebody a Chance." Captain Cincala is hoping that everyone will look at this campaign in this light and find it in their hearts to contribute to this charitable cause.

Captain Cincala, or one of his keyworkers, will be contacting you soon (if not already) for your contribution to CFC. Keyworkers are: Major MacPherson, SGM Tarr, SFC White, SSgt Williams, MSG Knight, SGT Harschow and SFC Ayres.

From the Director

A Message of Concern

Have you ever been to a leper colony? I have. . .twice . . .both in Korea and in America. From 1970 to 1971 I had the privilege of serving in Korea. To avoid idleness, stay out of trouble and help our fellow man, many U.S. soldiers volunteered their time and money to help local organizations in need. My Army unit, the 36th Engineer Group (Combat), volunteered to help a local leper colony. As engineers, we collected construction materials from Quonset huts salvaged as unserviceable by the Eighth Army in Korea. Using these materials, we volunteered our free time to build a community center and church for the lepers. With their disease grossly misunderstood and being total outcasts from society, the lepers were most appreciative, and we Americans surely felt good about our contribution to those less fortunate than ourselves. All of us were grateful that we were free from the disease and discrimination suffered by those lepers.

Eight years later, while stationed in Hawaii, I won a trip to the beautiful island of Molokai. On this Hawaiian island a century ago, Father Damien gave his life to help the lepers of Kalaupapa. In those days, lepers from various locations in the Pacific had their possessions burned and were transported against their will, by ship, to Molokai where they were dumped overboard to swim ashore. Kalaupapa is surrounded by cliffs with a narrow mule trail that now brings tourists (including me) to this tiny settlement which remains as a leper colony to this day. (I returned on crutches with two sprained ankles, but that's another story.) Our tour guide was a leper who bore the physical and mental scars of his disease and past abuses by society. I could hardly believe it. It was 1979 in the United States of America. I wondered why leprosy hadn't been cured centuries before. Fortunately, leprosy can now be stopped or "arrested" at whatever stage the patient is in when treatment is initiated; such lepers are not totally cured --their scars remain.

Leprosy, like so many dis-



Colonel David F. Maune

eases, was something that people either shunned or didn't worry about until it struck close to home. Today, we have AIDS in a similar category where society's first thought is to isolate the victims. Also, we have many diseases (cancer, heart disease, mental illness, muscular dystrophy, meningitis, etc.) that people don't truly worry about until a friend or loved one is affected. Then we wonder why "someone" hasn't solved the problem before we became personally involved. **That "someone" is you and me, and now is the time for us to do something about it through our contributions to the Combined Federal Campaign (CFC) now in progress.**

Health organizations are not the only deserving organizations supported by the CFC. When I was wounded in Vietnam, the

American Red Cross helped me in many ways that the Army hospital could not help. The soldiers I knew in Vietnam had only praise for the Red Cross. When traveling in unknown cities, the USO has been a welcome friend to servicemen at many locations, including Washington, D.C. Similarly, the Boy Scouts, Girl Scouts and other CFC organizations have done a tremendous job in helping American youth, the future of our country. Contrary to the many individual appeals of years past, the CFC has consolidated all the fund drives into the only such drive of the year. This is our opportunity to help prevent problems of the future, problems that could affect you and me or our children, problems we should all try to avoid.

The CFC deserves our support. We don't have to give a fortune. . . just enough so that we really feel good about ourselves. This good feeling is guaranteed to come automatically whenever we are thankful enough about our own blessings to generously help those less fortunate than ourselves. Try it -- it works.

P.S. It also helps to smile while giving. If more people had smiled to the lepers and volunteered to help them years ago, wouldn't mankind have a prouder history?

Memorandum for All Federal Employees and Military Personnel

Over the last 24 years, Federal Employees and members of the Armed Forces have had the opportunity to show their concern for those in need through participation in the Combined Federal Campaign. They have responded to the opportunity during this time by contributing over \$1.1 billion to charitable organizations through the CFC.

I ask each of you now to continue that tradition of voluntary sharing.

Through the Combined Federal Campaign, we can assist the less fortunate in our country and extend a nurturing hand to friends around the world. We can help relieve pain and health problems now and support research to eliminate them in the future. We can help our neighbors without making them dependent on government.

You have a record of generosity and concern for others. I am confident that that proud record will continue in the fall 1985 Combined Federal Campaign. While the decision to give is personal and voluntary, I encourage each of you to join me in wholeheartedly supporting this year's CFC.

Ronald Bayan

McVadon Reports Aboard as DMA Deputy Director

Navy Commodore Eric A. McVadon reported aboard as Deputy Director of the Defense Mapping Agency on September 18, relieving Air Force Brigadier General David M. Goodrich.

General Goodrich has been reassigned as Commander, 24th Air Division, Griffiss Air Force Base, Rome, N.Y.

Commodore McVadon comes to DMA from duty as deputy director, Strategy, Plans and Policy Division in the Office of the Chief of Naval Operations. A 1958 graduate of Tulane University, with an AB degree, he was commissioned the same year. Following service on the USS English, a destroyer, he completed flight training and was designated a naval aviator in 1960. From 1960 to 1963, he completed two Seventh Fleet deployments, flying P-2 aircraft with Patrol Squadron Twenty-two.

After graduation from the Naval Postgraduate School, the Commodore served in Air Development Squadron One and then, from 1966 to 1968, was assistant navigator aboard the USS Shangri-La, an aircraft carrier, completing two Sixth Fleet deployments.

Upon completion of the command and staff course at the Naval War College, with a concurrent master's degree in International Affairs from George Washington University, he flew P-3B aircraft with Patrol Squadron Forty-Six, with deployments to Southeast Asia, Adak and Guam.



Taking a break in a long series of briefings are Commodore Eric A. McVadon, new Deputy Director of DMA, and Brigadier General David M. Goodrich, who has been reassigned as commander, 24th Air Division, at Griffiss AFB, N. Y.

His first Washington assignment included duty in the Strategic Plans and Policy Division and the Office of Antisubmarine Warfare. Duty as executive officer of Patrol Squadron Forty took him to another Seventh Fleet deployment and he then served as commanding officer of that squadron in the Aleutians. He was on the staff of Commander, Patrol Wings Pacific in 1976.

Graduation from the National War College was followed by three years in the office of the Assistant Secretary for International Security Affairs. He was the Navy member of the Chairman's Staff Group in the office of the Chairman of the Joint Chiefs of Staff from 1980 to 1982.


Commodore McVadon was commanding officer, Naval Station Keflavik; Commander, Naval Forces Iceland; and U.S. Chairman of the Iceland-U.S. Defense Council from 1982-1984. He then served as deputy director, Politico-Military Policy and Current Plans Division in the Office of the Chief of Naval Operations

until 1985, when he assumed his last assignment.

A native of Baton Rouge, La., he is married to the former Marshall Marie Phillips of Baton Rouge; they have five grown children.

Among the Commodore's military decorations are the Legion of Merit, the Defense Superior Service Medal with Oak Leaf Cluster and the Navy Commendation Medal.





The Contour is an authorized newspaper, published monthly by and for the Defense Mapping School, Defense Mapping Agency.

Views and opinions expressed in this publication are not necessarily those of the DoD. Address all communication to:

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Fort Belvoir, VA 22060
Director
COL David Maune
Editor: Irene Bellefeuille

Director's Call



Major Ronald C. Lecki, USAF, receives the Defense Meritorious Service Medal for service while assigned to the Geodetic Survey Squadron, DMA Hydrographic/Topographic Center. Major Lecki is currently assigned to Office of Training Development and Evaluation, DMS.



Mr. William Revell, Department of Topographic Sciences, is awarded a Civilian Superior Accomplishment Award (Merit Pay).



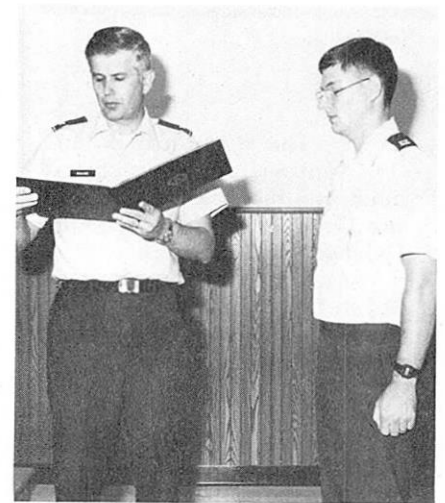
Sergeant First Class Jerome P. Anderson is awarded the Meritorious Service Medal, 1st Oak Leaf Cluster, for service while assigned to Headquarters, 1st Personnel Command, U.S. Army, Europe. SFC Anderson currently is assigned to the Office of Administration and Mission Support, DMS.



Sergeant First Class Warren D. Wallace, Jr., Office of Administration and Mission Support, receives a Defense Meritorious Service Medal.



Ms. Cheryl L. Lee, Logistics Division, Office of Administration and Mission Support, is awarded a Civilian Sustained Superior Performance Award by Colonel Maune.



Captain Stephen F. Cincala, Department of Topographic Sciences, is awarded a Joint Service Commendation Medal.

Roll Call

New Arrivals

CW2 Ralph L. Henry arrived at DMS on Aug. 13, 1985 from V Corps in Germany and is assigned to the Mapping and Charting Division, Department of Topographic Sciences, as an instructor.

SSG James E. Greene arrived at DMS on Aug. 19, 1985 from Ft. Bragg, N.C. and is assigned to the Construction Survey and Repair Division, Department of Survey, as an Instructor.

SSG Carlos M. Dizon arrived at DMS on Aug. 25, 1985 from the 649th Bn in Germany and is assigned to the Geodetic Survey Division, Department of Survey, as an instructor.

SFC Moeolo F. Taamai arrived at DMS on Sep. 2, 1985 from Germany and is assigned to the Cartographic Compilation Division, Department of Cartography and Applied Graphics, as an Instructor.

SSG William F. Belokon arrived at DMS on Sep. 3, 1985 from Fort Stewart, Ga. and is assigned to the Cartographic Compilation Division, Department of Carto-

graphy and Applied Graphics, as an instructor.

SSG Juan Buentello arrived at DMS on Sep. 11, 1985 from Fort Hood, Texas and is assigned to the Cartographic Compilation Division, Department of Cartography and Applied Graphics, as an instructor.

TSgt Franz T. Brutscher arrived at DMS on Sept. 23, 1985 from Castle Air Force Base in Calif. and is assigned to the Photolithography and Repair Division, Department of Graphic Arts, as an instructor.

Mary V. Moton, detailed from the DMA Hydrographic/Topographic Center, has been permanently assigned to DMS as the Budget Officer in the Office of Programs, Budget and Operations.

Departures

SFC Paul Bethea, Jr., an instructor in the Geodetic Survey Division, Department of Survey, was reassigned to the New Equipment Systems Division, Department of Training and Doctrine,

U.S. Army Engineer School, Fort Belvoir, Va.

SP5 John R. VanScoy, a Topo Instrument Repairman in the Construction Survey and Repair Division, Department of Survey, received his discharge from active duty and has gone home to Lufkin, Texas.

CPT Maurice S. Saxton, Chief of the Construction Drafting Division, Department of Cartography and Applied Graphics, was sent to the Defense Language School in Calif. When he finishes his training there, he will be sent to SETAF in Italy.

SFC Warren D. Wallace, Jr. (Wally) was the Security/Travel NCO in the Office of Administration and Mission Support. Wally's new assignment takes him to Korea where he will work in a Public Affairs Office.

SSgt Helen P. Saclabanis, a Supply Technician in the Logistics Division, Office of Administration and Mission Support has gone to the Cannon Air Force Base in New Mexico.

SSG Melvin D. Wrenn, an instructor in the Offset Printing Division, Department of Graphic Arts, will be reassigned to the Engineer Center, Fort Belvoir, Va. effective Oct. 21, 1985.



Safety Sayings

I have recently completed a 3-day class entitled "Occupational Safety and Health Training for Collateral Duty Personnel" at the CSC Training Center. I am pleased to report that in comparison with most similar organizations DMS is on a par and maybe better than some.

Collateral positions in similar organizations are filled by part-time industrial safety/health personnel. For example, the DMS Safety Officer is a Tech Writer in the Department of Graphic Arts. I found that on an average, safety people, considering their backgrounds and safety training, are very concerned with keeping work areas in a safe and healthy environment.

I have taken a number of safety and health training courses, including a 2-week course at the OSHA Training Institute in Des Plaines, Ill., and college courses at NVCC. The class held in Washington was, for all practical purposes, retraining for me. I now

have a "new" 1983 version of the "OSHA Bible" and I will gladly share it with anyone when necessary.

I would like to enlist your cooperation in helping, not only me, but also Captain Husar, Chairman, Safety and Health Committee, and your Department Safety and Health Representatives in keeping DMS and its surroundings a safe and healthy place, as it now is. Although some of our work areas may not be as pretty as we may want, we do have (taken as a whole) a good working environment.

DMS employees are obligated to report any known safety violations or unhealthy practices to their supervisor immediately. If the problem cannot be solved by the supervisor or DMS safety/health personnel, the matter will be taken to the appropriate authority for resolution. I only ask that you be fair and accurate in reporting violations and try to give a viable solution to the com-

plaint.

Current Safety and Health representatives are: SSG Jack Batt, TSD; GySgt Willis Joynes, DCAG; SSG Karen A. Campbell, SD; and Mr. Alfred Josey, Graphic Arts Department. The DMS Fire Marshalls are CW3 Pedro Madera, DCAG, Wheeler Hall and Mr. Louis Lash, GAD, Bagley Hall.

Processing of newly arrived staff and faculty members should include a safety briefing (which I have prepared) in the Safety Office (Room 201 in Bldg 214). This would also give me a chance to introduce myself and become acquainted with the employees of DMS.

Please remember that the DMS Safety Officer position is a part-time job for me -- I do not have all the answers. However, the Safety Committee and myself will do our best to insure that all safety and health needs are provided at DMS.

by Art Fleshman
DMS Safety Officer

U.S. Army Joins DMS (Almost)

by Don Uber

As you pass the single story, flat roofed building that lies on your journey between Bagley Hall and Wheeler Hall, have you ever wondered who resides there and what goes on? Well, even if you haven't, you are about to discover everything you ever wanted to know (or didn't want to know) but were afraid to ask, without even asking.

The building, which probably dates back to when Fort Belvoir was known as Camp A.A. Humphreys and has housed just about everything from a Motor Pool to an MOS Library and Education Center, is presently the home of the U.S. Army Topographic Element (DOTD) or USATE (pronounced YOU-SATE) in acronymese. A component of the U.S. Army Engineer School's Directorate of Training and Doctrine, USATE is staffed with US Army Officers, Warrant Officers, NCOs and Department of the Army civilians. Funded and staffed through the Directorate of Training and Doctrine, the organization came under the operational control of the Director of the Defense Mapping School (DMS) in March 1985 when a Memorandum of Agreement between the Engineer School and DMA was signed by Major General Kem, Commandant, U.S. Army Engineer School and Rear Admiral Wilkinson, former Director of the Defense Mapping Agency. Although operational control is delegated to DMS, USATE remains an Army organization and is functionally a part of the U.S. Army Engineer School. As such, it must follow the regulatory guidelines established by the Army Engineer School and the Army's Training and Doctrine Command.

Serving as the proponent for Army training and doctrine relative to Topography, Printing and Technical Engineering, USATE develops the task lists that, when massaged with the requirements of the other services, are used in DMS course development. It is also responsible for developing the doctrine by which Army Topographic personnel and units operate in the field as well as ensur-

ing that the doctrine is correctly stated in all Army doctrinal publications. Topo doctrine is published in the Army's capstone topographic doctrine manual, FM 5-105 (Topographic Operations). Among the high visibility products produced by USATE are those familiar items, such as Soldier's Manuals, Trainer's Guides, Skill Qualification Tests, Army Correspondence Courses, Training Extension Courses, Graphic Training Aids, Technical and Field Manuals, ARTEPs and Topographic Drills (scheduled for development in FY 87/88).

The U.S. Army Topographic Element is a unique organization as it functions as a component of two different organizational units, DMS and DOTD. It's Chief, Mr. Don Uber, essentially works for two directors, the Director of DOTD and the Director of DMS. DOTD is organized into divisions and branches which equate to DMS's departments and divisions respectively. Therefore, USATE maintains a small headquarters element and two subordinate branches; the Enlisted Training Branch and the Officer Training and Doctrine Development Branch.

As its name implies, the Enlisted Training Branch is dedicated

to providing training support to the Army specialties engaged in Cartography, Terrain Analysis, Photolithography, Topographic and Construction Survey, and Technical Drafting. This small group of dedicated professionals is responsible for the bulk of the high visibility products produced by USATE to include the analysis, design and development of SQTs, Soldier's Manuals, Army Correspondence courses, TEC lessons, and manuals. The Enlisted Training Branch is also the organization that develops task lists and reviews DMS course content for Army concurrence. They also assist the Engineer Proponency Office on all matters related to the structure, progression and requirements of the enlisted specialties.

On the other side of the house, the Officer Training and Doctrine Development Branch provides essentially the same products relative to Topographic Officers and Warrant Officers. This branch also develops the Army's Topographic doctrine and Unit drills, determines unit training requirements to include the design and development of topographic ARTEPs (to be converted to Mission Training Plans or MTPs), and supports the development of new equipment.

Most of USATE's personnel are instructor qualified and are available to provide instructional support to the DMS teaching

See USATE page 7



Mr. Chesley F. Cummins, Chief, Office of Administration and Mission Support is awarded a Civilian Sustained Superior Performance Award from Colonel Maune.

Oh, Where Have They Gone?

by Irene Peine

If, by chance, you hear a few moans and groans coming from some of the offices as you pass through the hallways of DMS, do not be alarmed. It is just DMS personnel bemoaning the fact that the summer hires have all gone back to school. We had a terrific group of summer hires this year and they were worth their weight in gold.

Clerk-typists virtually eliminated the vast typing backlogs of course redesigns and exams in the teaching departments.

Computer clerks aided in developing computer programs for application in courses and to support the data base entry for the management information system.

Office draftsmen and editorial assistants took on a great challenge in the Graphics Section.

IAGS Will Celebrate 40th Anniversary

The 40th anniversary of the Defense Mapping Agency Inter American Geodetic Survey will be celebrated in San Antonio, Texas on the weekend of May 2-4, 1986.

Members of the organization's headquarters, which is located at Ft. Sam Houston, Texas, will host a reunion of IAGSers and associates to commemorate the special occasion.

The weekend will feature a golf tournament, cocktail party, barbecue, sightseeing, brunch, and an open house.

Efforts are being made to contact all former IAGS members and spouses, civilian and military, who were associated with IAGS during the past 40 years. Attempts are also being made to contact members of the 937th Aviation Element and the 551st Geodetic Squadron, military units formerly attached to IAGS.

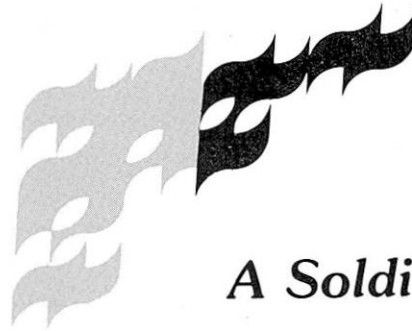
Anyone who has addresses of ex-IAGSers are asked to send their names and addresses to DMA IAGS, ATTN: MS-I, Bldg. 144, Ft Sam Houston, Texas 78234 or Chet Trim, 6107 Royal Point, San Antonio, Texas 78239.

From the beginning of their summer employment they took the Graphics Section from a 600-700 manhour deficit to a break-even point by summer's end.

An editorial clerk in the Public Affairs office was mainly responsible for publishing the Contour, thus enabling the Public Affairs Officer to apply her time to much needed administrative duties. These duties gave this summer hire extra college credit.

Another valued student, hired as a laborer, helped in the warehouse by pulling supplies, assisting with validation and inventory of stock, and performing janitorial duties where needed throughout DMS.

Overall, the 1985 DMS summer program was a huge success. Both DMS and the summer hires benefited by the program.



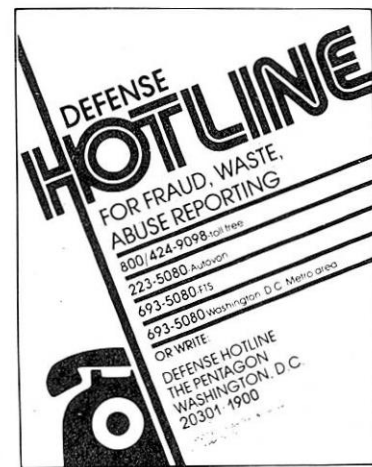
A Soldier's Prayer

A soldier in one of our earlier wars carried the following prayer:

"I asked God for strength, that I might achieve;
I was made weak, that I might learn humbly to obey.
I asked for health that I might do greater things;
I was given infirmity that I might do better things.
I asked for power that I might have the praise of man;
I was given weakness that I might feel the need of God.
I asked for all things that I might enjoy life;
I was given life that I might enjoy all things.
I got nothing that I asked for -
but everything for which I hoped.
Almost despite myself, my unspoken prayers
were answered.
I am among all men, most richly blessed."

All of us - soldier and civilian alike - are richly blessed to be Americans. We have God's gift of freedom; a gift protected by the thousands of military men and women; a gift we must all cherish and pass on to our children. Those of you who serve in the U.S. Military Forces are further blessed because you have the privilege of serving the greatest nation on earth where your service counts most.

(excerpt from a speech made by General John A. Wickham, Jr., Chief of Staff, U.S. Army)



USATE from page 8

departments on an as needed basis.

The mission responsibilities mentioned here form only the tip of the iceberg. USATE is essentially a mini-DOTD as its requirements span the entire range of the DOTD mission. Although its members are few (38 authorized positions), USATE's responsibilities and products are many. All of USATE's personnel are dedicated to providing the best support possible to the soldiers and their commanders in the field.

Safety Tips for a Jolly Season

As summer bids farewell and sunburns fade away the season to be jolly is near by again.....

This should remind us of an important issue: the threat of fires at home and at the workplace during the cold weather months.

Did you know that there were over 700,000 home fires in the United States last year and that nearly 6,000 people died in these fires - many of them needlessly? Yes, but if we all chip in, we can beat the odds. Here are some fire safety tips to avoid becoming a statistic during this jolly season:

- + Watch for careless smokers at home during social and family gatherings.

- + Watch for faulty or improperly used appliances, especially when extension cords are in use.

- + Become fully familiar with your office's escape plan and make sure that you have a family escape plan at home.

- + Install smoke detectors at home and make sure they work properly if already installed.

- + Be aware of the type of alarm system used at your workplace and develop a signal everyone understands to communicate danger at home. Use the signal only for real emergencies.

- + Treat fire drills seriously at work and practice how to get out of your house if there is a fire.

- + Know the location of the nearest fire extinguisher and learn how to use it.

- + Sleep with your bedroom door closed. Doors are important barriers in the event there is a fire in the hallway. They give you precious seconds to get out. Keep hallway doors closed at all times at your workplace.

- + Know the procedure to test for danger. If you wake up and smell smoke, roll out of bed and crawl to the door. Reach up and feel the door **with the back of your hand**. If the doorknob is hot, head for an alternate exit. Do not open the door to look; it could be fatal.

- + Designate someone to as-



I get so confused sometimes, I don't know which end is up..... which really makes it difficult when I try to sit down.

Turnin' Green

by Captain Alan J. Waitkus

sist small children and elderly and disabled persons.

- + Do not smoke in bed.

- + Do not play with matches or lighters.

- + Don't use multiple extension cords from one outlet or overload circuits.

- + Keep the ventilation hood over the kitchen stove free from grease buildups.

- + Do not attempt to replace faulty electrical wiring unless you are qualified. Let the experts do their job.

- + Keep flammable materials and combustible items in properly designated areas.

- + Keep space heaters at home away from furniture and drapes.

- + Clean chimneys at least once a year. Always use a fire screen.

- + Use these procedures when

calling the fire department: If calling from home, after you and your family have reached safety, call from a neighbor's house or use a street alarm box. Give your full street address, including the nearest cross street. Make sure you tell the fire department if someone is trapped. Stay on the phone until you have answered all the questions.

If calling the fire department from your office, use the nearest telephone and dial 77. Give your full street address and evacuate the building immediately after you answer the questions.


Well, I hope that these fire protection and prevention tips will help you make your home and workplace firesafe. **Happy and Safe Holidays!**

by CW3 Pedro Medera
DMS Fire Marshall

DEFENSE MAPPING SCHOOL
FORT BELVOIR
VIRGINIA 22060

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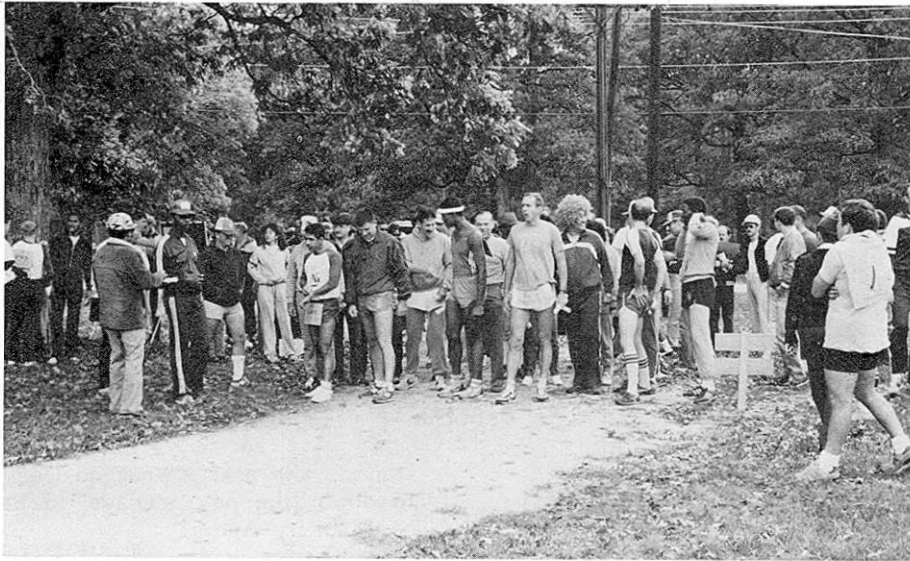
CONTOUR

Volume 13, Number 3

Defense Mapping School

December 1985

DMS Quarterly Social Hailed a Huge Success



Competitors gather for the first leg of the running and walking relays. CW2 Bill Michaels (far right side) makes some last minute game rule announcements, while CW3 Andy Yacenda gives SSgt Joe Powell words of encouragement.

The Department of Graphic Arts hosted the Defense Mapping School's Quarterly Social on Oct. 31, 1985. The social was a combination of athletic competition events with participants from the departments, staff and the U.S. Army Topographic Element. Staff includes the offices of the Director, Administration and Mission Support, Training Development and Evaluation, and Programs, Budget and Operations.

To get things started, the GAD planning committee (a committee composed of chiefs) devised two types of relay competition. First, there was the running relay races and second, the walking relay races. Winners received a plaque, which was fashioned and made in its entirety by DMS in-house resources. A plaque was also award-

ed to the organizational element that had the most participation in the competitive events.

These events were held at the Fort Belvoir South Post Golf Course. Topographic Sciences and Graphic Arts Departments were the favorites to win the running relay event. TSD got off to an excellent start and maintained the lead throughout the entire race. Once the dust had settled, it was TSD who emerged victorious as the undisputed winners. Congratulations to Major "Flash" Hovanec and his "Blitz Lightning" relay team. Word has it that these olympic hopefuls are being considered for entry in the next world long distance relay competition, slated to be held in Seoul, Korea.

Next came the walking relay competition, an event that was

surrounded by a great deal of controversy. It seems that some of the competitors questioned the distinction between walking and running. A reliable source told me they had observed a certain Sergeant Major's heels not touching the ground for well over one hundred yards and furthermore, he was seen laughing as he passed authentic walkers on his way to the finish line. When questioned, this certain Sergeant Major stated that such a story was completely distorted. In fact, what really happened was that his feet gave the blurred perception of running since he was walking at such an accelerated pace. Actually, it would have taken a laser speed camera equipped with an ultra-fast shooting lens to truly capture this amazing fast paced technique. Unfortunately, there were no laser cameras on hand to confirm this allegation.

While I interviewed the Sergeant Major, the real race was in the making. Survey Department's Major James "Fast Feet" Green had put together what was later to be known as "Green's Mean Walking Machine." At the end of the second leg of the walking competition, Survey was trailing the USATE, and was in strong contention for second place with the staff. No one knows for certain what the Major said to his trustee SSgt Lobdell but, whatever it was, it proved to be the spark that ignited the torch. SSgt Lobdell lessened the gap between SD and USATE. Major Green, utilizing the olympic fast walking style (his time was faster than five of the

See QUARTERLY, pages 12 & 13.



**A Yuletide Message
from the Director of the Defense Mapping Agency,
Major General Robert A. Rosenberg, USAF**



As we celebrate another Holiday Season, we reflect upon the freedoms we enjoy, which in a large measure are a direct result of the dedication of each of you in the Defense Mapping Agency and your commitment to excellence.

My family and I look forward to an enjoyable first Yuletide and New Year as part of our Defense Mapping Agency.

Marge and I encourage each of you to take time to enjoy this wonderfully festive Christmas Season with those who provide immeasurable support throughout the year: our family, friends and loved ones. Let us also not forget those whose duties require their separation from loved ones; to them we wish a special holiday prayer.

With the coming of the New Year, we accept yet another challenge in our continuous world-wide commitment for "Peace On Earth, Good Will Towards Men." I trust you will accept the challenges of the future with the same spirit you have demonstrated in the past.

I take great pleasure in wishing you and yours the happiest of Holiday Seasons and good fortune in the New Year.



Annual Retreat Held at Leesburg

Sequestered in the rolling hills near Leesburg, Va., two score top leaders of the Defense Mapping Agency spent four days -- and evenings -- mapping out the direction of this Agency for the next year with its new Director, Major General Robert A. Rosenberg.

While five major goals for the year were discussed and redefined at the annual Retreat, the group, at General Rosenberg's specific direction, spent nearly 75 percent of its time focusing on DMA's people -- their needs, desires and welfare in all areas.

General Rosenberg told the participants, which included SES members, component directors and other officials, ". . . we must focus our management and leadership skills on our people. I want you to exhaustively assess what can and should be done to enhance their productivity. I strongly believe that happy people are productive people. The supervision, at all levels, makes or

breaks the system, and we need to address positive efforts which will improve our mission."

He added: "Tired blood needs to be stirred to fuel the fires of leadership."

Divided into working groups, the senior DMA officials then spent days and evenings developing plans to implement these directions, along with specific recommendations to ensure the other DMA goals for the year went from talking stage into firm action plans, in line with the director's charge to come up with "tough targets to shoot at and mountains that tax our energies to climb."

In addition to employee training which will be required to meet demands of the Agency's ongoing Modernization Program, a major focus was put on the need for a more formal career development plan for DMA professionals. As one participant put it, "We want to come up with guidelines to answer the questions of a new, 21-year old cartographer, for in-

stance, who asks, "What do I have to do in the next decade to become Larry Ayers?"

Presentations to the Agency's top leadership included an update on planning for incorporation of equipment into the production areas under the Mark 90 program and a report from the Agency Inspector General on recent investigations.

Other activities included an after-dinner talk by Donald Latham, assistant secretary of defense for Command, Control, Communications and Intelligence, to whom General Rosenberg reports. Secretary Latham emphasized the requirement for DMA's Modernization Program to keep on schedule -- within budget. He discussed the potential budget crunch facing all DoD elements and other areas of concern in the C3I community. And he noted the increasing importance of the work being done by DMA in support of operating elements of the Armed Forces, and the resultant increased visibility of the Agency throughout the Defense Department.



From the DMS Director

The holiday season is here -- ready or not. I have a few bits and pieces to share this month, more or less connected to the holiday season.

We received a welcome letter from Colonel Wintz, DMS's Director from 1975 to 1979. His letter is published herein. One thing especially nice about the Christmas season is hearing from old friends. Thanks for writing, Ed.

You can give material things as presents this time of year, or you can give of your time. Time is better! Colonel Wintz's letter is a good example. Twenty minutes of your time may be appreciated much more than a twenty dollar present.

You can think of yourself, or you can think of others. Concern for others is better! I've always liked to go caroling on Christmas eve, but I'll never ask someone to join me again. When I was a battalion commander in Hawaii several years ago, I asked if anyone was interested in joining my wife and me for caroling on Christmas eve at Fort Shafter. We were joined by several dozen members of the battalion. Some came with their spouses and children. Too bad it rained heavily all evening. We were drenched, but we sure spread the spirit. I thought all was peace and goodwill until I discovered that the volunteers had not volunteered as I had thought. They had "been volunteered" by my Sergeant Major.

Here's a nice present for our teenagers. Consider becoming an officer in the Navy Sea Cadets. DMS is sponsoring a Sea Cadet unit. I will not ask Sergeant Major Tarr to locate volunteers for me. CW2 Bill Michaels will do that and he has his own methods. Water torture.

Isn't it interesting that two members of the DMS faculty wear the dolphins of Navy submariners. One is Lt Col Ritchey, U.S. Air Force; the second is CW2 Mic-

haels, U.S. Army. Talk about a purple suit outfit. Of course, Maj Gen Rosenberg, USAF, DMA Director, graduated from the U.S. Naval Academy and married an Army brat.

How about helping the street people of Washington, D.C.? Contributions to the Community for Creative Non Violence, 1345 Euclid St. N.W., Washington, D.C. 20009, directly help the street people with food, shelter, and medical care. Can you think of anyone else who didn't have a place to stay on Christmas eve many, many years ago?

Right here at Fort Belvoir we have our own Operation Sugarplum. Operation Sugarplum is an annual military assistance program sponsored by the U.S. Army Engineer Center and Fort Belvoir. The program is designed to provide assistance, during the Christmas season, to needy service families on Fort Belvoir and in the surrounding areas. Operation Sugarplum provides selected, needy service families with a variety of toys and food during the holiday season. Repairable toys and canned goods are being collected at several locations within DMS.

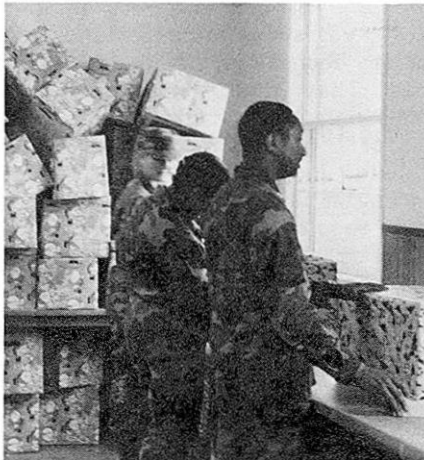
Consider mentoring others around you who could benefit from

your experience. This issue of the Contour contains an excellent article from the Army Chief of Staff. His message resonates with the spirit we are aiming at with DMA Goal Number One (Focus on People) for 1986.

Stop smoking! Your family, friends and coworkers will consider this the best gift of all. It's also your best gift to yourself.

I also have a "Don't list" for Christmas. Don't give a valuable gift to your boss. That violates Standards of Conduct regulations. Don't "party" and then drive under the influence of alcohol. Whether you get involved in an accident or not, you can ruin your career. DWI convictions are up because of increased police vigilance. The Army tells me that a DWI conviction is a record now permanently used to bar future selections by centralized promotion boards. Finally, don't "party" with illegal drugs either. A positive return on an unannounced drug test will ruin your new year and your military career instantly.

Make this your best holiday season ever. May 1986 bring peace and happiness to you. Thanks for making 1985 a super year for the DMS family.



Ft. Belvoir personnel, or shall we say "Santa's helpers", prepare boxes to fill with toys and food supplies for needy families at "Operation Sugarplum Headquarters."



Repairable toys donated by DMS and other Ft. Belvoir personnel are cleaned, repaired and inspected before they are put on shelves for selection by needy families.

From Army Chief of Staff General John A. Wickham, Jr.

MENTORING

One of the eight precepts in *Leadership Makes the Difference*, a 1985 white paper, states that leaders should be "teachers and mentors" to the soldiers and civilians entrusted to them. I want to give you my ideas about what a mentor is (and is not) and what mentoring means to the Army.

The word "mentor" comes from the name of an ancient Greek teacher who was responsible for his student's moral, physical, and mental development. In the same context, I think that mentoring is relevant today since there is a need for us to share our knowledge, experience, and values with the less experienced members of our profession. We owe it to our subordinates and the Army to invest our time for their personal growth and professional development.

Each of us can be a mentor, whether NCO, officer, or civilian. We all have experience to give if we have the heart, the spirit, and the caring attitude to share these experiences and the lessons we derive from them. Mentoring is simply giving of your knowledge to other people. A platoon sergeant can be a mentor by taking time to share his experience with a young squad leader in order to help him or her become a better NCO. A senior NCO can help a young lieutenant with a field problem or advise him about how to deal with soldier problems and how to care for soldiers. It works at the higher ranks, too. Generals and colonels must mentor junior officers as well.

The Army has no formal program or checklist for mentoring. To be an effective mentor, you need the experience and wisdom of your years, and one vital quality -- you have to care. If you really care about your profession and soldiers, then you -- as a leader -- will devote the time and attention to those soldiers. We can afford the time to do this in

peacetime. This special, long-term relationship may be formal or informal -- not restricted to the chain of command -- and is often conducted in a relaxed, friendly atmosphere. The location is not important. Mentoring can take place in the motor pool, in the barracks, or out in the field.

Mentoring is really a personal choice by both parties. The senior agrees to his role as mentor by investing time in the development of the junior. Mentors should help subordinates focus on their long-term career goals -- being the best NCO, officer, or civilian in their chosen field -- and help them develop an action plan to attain those goals. Those being mentored need "eyes that see and ears that hear." In other words, they must be willing to learn from their mentors. It's a two-way process. A good mentor keeps a notebook so he can keep track of points to cover with his subordinates rather than trust to memory. Similarly, a good "learner" keeps a notebook to assure that the mentoring "sticks".

One way of mentoring is "footlocker counseling." Counseling and mentoring go hand-in-hand. We are making progress in this area, yet some soldiers think that most counseling is negative or bad. They think counseling happens only when they foul-up. This is off the mark. Counseling should include a discussion of strengths as well as weaknesses, and should be positive and constructive. As we counsel and mentor, we "grow" ourselves, our people, and our units. The payoff is increased combat readiness.

All leaders are teachers, and teaching is a part of mentoring. Leaders must teach soldiers to accept the responsibility to protect the nation; to prepare physically and mentally for combat; to gain and maintain proficiency in the use of weapons, tactics, and doctrine; to inspire confidence and eagerness to be a part of the

team; and to have the vision to see, the ability to analyze, the integrity to choose, and the courage to execute.

It must be clear, however, that mentoring is not sponsorship or patronage. Favoritism, cronyism, or the use of one's office, position, or grade by a senior NCO, officer, or supervisor to enhance unfairly a subordinate's career over others cannot be condoned.

Finally, we must remember that, as leaders, mentoring is a key way in which we exercise leadership and strengthen Army values. Giving of ourselves by sharing our knowledge and experience is the most important legacy we can leave to those who follow. That's making history in our own time and demonstrating that "Leadership Makes A Difference."

SACS Accreditation is Favorable

The Commission on Occupational Education Institutions of the Southern Association of Colleges and Schools reviewed our Institutional Response Report, Self-Study, Visiting Team Report, and other supporting documents at the October 1985 meeting in Orlando, Fla. This review was to result in a recommendation regarding accreditation to the Delegate Assembly of the Commission at the Dec., 1985 meeting to be held in New Orleans, La.

Formal action was taken by the Commission to recommend that DMS accreditation be continued with reaffirmation scheduled to occur at the end of a five-year period and that DMS host a compliance visiting team (Level 2) in 1990. Final action on our school's accreditation will occur on Dec 3, 1985. Accreditation is on an annual basis and the substantiation of an institution's accredited status is based upon the School's annual report. Accreditation is symbolic of quality and commitment.

Marines Celebrate Birthday



Colonel David F. Maune, guest speaker and Lt Col William Phelps, USMC representative.

On Nov. 10, 1775, a corps of Marines was created by a resolution of the Continental Congress. Since that date, many thousands of men and women have served our country in U.S. Marine Corps with intense pride and loyalty. Therefore, it is only fitting that each year the birthday of the Corps be celebrated by calling to mind the remarkable victories and achievements of the Corps during its long and illustrious history.

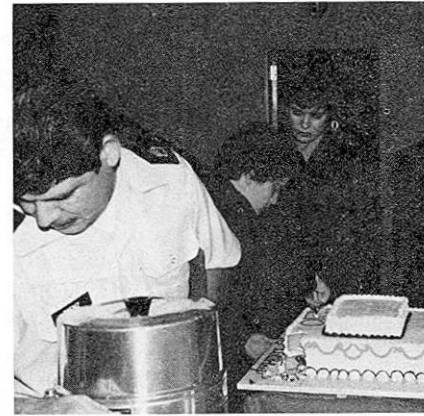
This year, the Marine Corps celebrated its 210th Birthday on Nov. 8, 1985. For those Marines assigned to duty at the Defense Mapping School, festivities began with the traditional cake-cutting ceremony at 0730 in the SOSA Recreation Center. Colonel David

F. Maune (USA), Director of DMS, the guest speaker, received the first piece of cake; the second went to MGySgt Russell L. Cavender, Chief Instructor, Department of Cartography and Applied Graphics, who was honored as the oldest DMS Marine. Private Daniel T. McMullen, a student in the Construction Drafting Course and youngest DMS Marine, received the third piece of cake.

Following the ceremony, DMS Marine personnel and students were released for the day in order for them to observe the Marine Birthday Pageant. Buses were provided to transport them to the Marine base at Quantico, Va. for this observance.



Private Daniel T. McMullen, the youngest Marine and MGySgt Russell L. Cavender, the oldest Marine.



Some scenes from the DMS Marine cake-cutting ceremony held at the SOSA Center, Fort Belvoir, Va.

Directors Call

Military Awards

Major William K. MacPherson (USAF)
Office of Training Development and Evaluation
Defense Meritorious Service Medal

CW3 Pedro O. Madera (USA)
Dept. of Cartography and Applied Graphics
Joint Service Achievement Medal

SSG Michael A. Noderer (USA)
Dept. of Cartography and Applied Graphics
Certificate of Achievement

Master Instructor Certificates

SSG James L. Hollingsworth (USA)
Dept. of Graphic Arts

SSG Jose M. Perez (USA)
Dept. of Graphic Arts

SSG Virgil R. Tarry (USA)
Dept. of Graphic Arts

SSgt Joseph M. Powell (USMC)
Dept. of Graphic Arts

SSgt Tommy D. Williams (USMC)
Dept. of Graphic Arts

Senior Instructor Certificates

LIC Edwin A. Thorson (USN)
Dept. of Graphic Arts

GySgt(P) Ronald E. Bigger (USMC)
Dept. of Graphic Arts

SGT (P) Barbara A. Slusher (USA)
Dept. of Graphic Arts

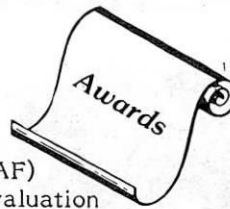
Mr. William I. McCray
Dept. of Graphic Arts

Mr. Edward Nickens
Dept. of Graphic Arts

Civilian Awards

Ms. Beverly A. Eppolito
Dept. of Cartography and Applied Graphics
Outstanding Performance Certificate

Ms. Catherine S. McCloskey
Dept. of Graphic Arts
Sustained Superior Performance Certificate



Recent Arrivals



Mr. Ronald E. Wenrich, a native of Danville, Pa. has been recently assigned to the Construction Drafting Division, DCAG, as an Instructor.



SGT Steven G. Puciato (USA), a native of Baltimore, Md., has been recently assigned to the Construction Drafting Division, DCAG as an Instructor.



Ms. Jean Elmore, a native of Newark, N.J., has been recently assigned to the Office of Training Development and Evaluation as a Visual Information Specialist.



TSgt David J. Okerblom arrived Nov. 25, 1985 from Langley AFB, Hampton, Va. He has been assigned to the Offset Printing Division, GAD, as an Instructor.

Memories From a Retired Director

by Edward K. Wintz

Greetings from out West! The Wintz clan has settled in Tucson after several months of retirement activities, apartment living, coping with the cat on the long drive, and house-buying. We are now officially settled: My first batch of home-brewed beer was drinkable last week. The model railroad is not yet running, but light valances, display panel, and backdrop are up and it won't be long. At the moment of this writing, Colonel (ret.) John Lund is prowling and snipping in our backyard in his search for *Pyrocanthia* berries--he makes wine out of them. Fie on those of you who laugh at model railroading as a hobby!

Our retirement dinner in April was a pure delight for Jan and me, and I'd particularly like to thank the DMS'ers who made it. Leaving the Service after many years is an event, as those of you who have gone through the same thing can attest. BG Ed O'Donnell had a great, albeit incorrect, line when he intoned on his departure from TOPOCOM, "I'm torn between two emotions. . . joy and ecstasy!" Actually, there is a great deal of sadness too, and I had to keep my speechy-poo very short for fear of displaying un-macho emotions. Something about aviators and piles, as I recall. Anyway, as I looked out over the faces of old friends like Harnden, Cummins, Locke, and McCullough several memories came to mind. Let me ramble a bit among them.

Did you know that Army posts in the United States all used to smell the same? When I arrived for summer camp at Camp Carson in 1954, I noticed that a pungent, sulfurous, not unpleasant smell permeated the place. Same at Fort Belvoir later. Same at Fort Riley. Same at Fort Leonard Wood. Turns out that the old WWII barracks were all heated by individual coal furnaces, and that caused the institutional smell unfamiliar to a Second John from

California. It was the job of the barracks orderly (a duty roster detail) to keep the furnace going, and if it went out the First Soldier would not give him an ice cream cone. Before they were torn down, the old barracks behind the 30th Engineers still smelled that way a little, and they brought a surge of nostalgia to me as Ches Cummins and I prowled the area in search of poor policing and other unsoldierly artifacts.

My first tour after officer's training was with a Corps District in the Arctic. I discovered this fact during the last weeks of Belvoir's basic course, when we all ran to a bulletin board to read our assignments. Hmm, let's see, Germany. . . Germany. . . Korea. . . Germany. . . GOOSE BAY. . . gee, I wonder what poor sucker. . . Oh, no! The only other thing I really remember about that tour was the comment of one of the employees years later: "You were such a Lt. Fuzz then!"

A few years later and still in the Fuzz era, I found myself the guest of the 29th Engineers at Camp Oji, Japan. My Sponsor was CWO Jim Harnden, and we were both trying to understand an azimuth survey technique called Sodano Long Lines. My visit coincided with a baseball game between the battalion and the local Tokyo political precinct, and Jim volunteered me to play so he wouldn't have to. We played hardball, but the ball was made of rubber and had dimples like a golfball. It didn't hit as far, but was a joy to throw. . . for a while. I was fine until Colonel McBride (a great mapper, incidentally) decided five innings of being catcher was enough, and asked me to substitute. After an inning, I lost the top layer of skin on my throwing fingers just getting the ball back to the pitcher. Whined around between innings to Mr. Harnden for a Band-aid, but just got a shake of the head and a

Warrant Officer smile from him. Made it to the end, though (we lost), and did all the bowing and everything without fouling up. Despite his insensitivity to officer pain, Jim toured me through the 29th in a super fashion, and he and his troops did a great job when we did the Sodano project out of Hawaii. One of his soldiers was Vaughn Nelson, who later served at DMS; another was a neat lad named Kobayashi, who was born and raised in San Francisco, and who was subjected to rapid bursts of Japanese by the locals while in Tokyo. About the only Japanese ol' Kobe knew was "hi!" and "sayonara," so he had a heck of a time. Incidentally, heard the worst pun in the world at Camp Oji concerning the atmospheric quality when the local crematorium was in operation. It's in too poor taste to relate here, but Harnden will tell it if you ask him nice.

The coldest I've ever been was on a fifty-degree night in Kansas during the deploy-as-Infantry portion of my company's training test. The most scared I've been was while climbing rusty water tanks in Vietnam (the height and unreliable ladders, not Charlie). The most uncomfortable I've ever been was flying as a crew member with the Air Force in B-50's (my position was on the floor). The best softball play I ever made was when I put Harold Hester out in the DMS officer-EM game in 1978.

Ah, DMS! Defense Napping School, as the bulletin board had it for several weeks during a spat of juvenile mischief (Locke, Harnden, Buddenhagen, Wintz) in 1978. Didn't the Marines ever have any losers as senior NCO's? Gonzales and Sutton and those guys in Construction Drafting all looked like recruiting posters. I used to be delighted when Top Sutton sneezed, because it proved him at least human. What a crew! One day, I was formally asked by the Marine NCOIC for permission to tear down the old astro shack bare-handed when our new one

See *MEMORIES*, page 8

MEMORIES from page 7

was completed (what are you going to say -- no?). After my thoughtful and weighty granting, the junior NCO's proceeded to do this with cries of "Hoo-aaaah" and other Marine sounds. Turns out there was a skunk family living under the floor, but the resulting undignified scene was considered the fault of Army construction rather than Marine initiative. The Navy guys were a little more subdued, but I'll never forget all those dragons on the cuffs of Freddie Greear's bell-bottoms, or the fact that he saluted with his cap off when General Roper gave him an award. He didn't want to, but the General looked so expectant. Air Force sergeants were also great, but had a habit of becoming Army Warrant Officers. And the Army NCO's. . . I've been blessed with great senior enlisted people all through my career, and Cummins, Harris, and Locke are outstanding examples. They made the job easier, and yet they also made it fun. I can still remember Cummins telling me for the first time the details behind the FBI, the five-quarter ton truck, and the naked lady. Or Harris's tales of Ethiopia. Or Locke and the snowbank.

Thank you, US Army, for the smell of coal heaters. And for all the wonderful jobs and people I've run into. Our very best to the staff and faculty of DMS! Come see us!



"Life is like a train. You expect delays from time to time. But not a derailment."

—Willie Stargell, baseball player

"We always admire the other fellow more after we have tried his job."

—William Feather, businessman

"The best thing about the future is that it only comes one day at a time."

—Dean Acheson, Secretary of State, 1949–53



In a recent Pentagon ceremony, the Defense Mapping Agency was cited by Secretary of Defense Caspar Weinberger for an "Outstanding Handicapped Employment Program." Accepting the awards from Acting Secretary of Defense Jerry Calhoun (Force Management and Personnel) were Major General Robert A. Rosenberg, DMA Director, and Mr. Peter J. Kensicki, DoD's "Outstanding Handicapped Employee of the Year." DMA was honored for a nine percent increase in employment of individuals with disabilities and general excellence in this area.

An Offset Photographer Named DoD's Handicapped Employee of the Year

An offset photographer, employed at DMA's Hydrographic/Topographic Center, is the Department of Defense's "Outstanding Handicapped Employee of the Year" and was honored in a recent award ceremony at the Pentagon.

Peter J. Kensicki, who works in the Photolithographic Division of the Graphic Arts Department, is hearing impaired. However, his handicap does not impair the quality of the negatives and positives he reproduces for use in the lithographic process for printing five-color maps used by the Department of Defense, Allied Military forces, the U.S. Merchant Marine Fleet, other Federal agencies, and navigators throughout the world.

Kensicki converses fluently in American Sign Language. Despite his handicap, he consistently

demonstrates initiative and professionalism in performing outstanding assignments. He willingly accepts challenges and performs with the highest degree of quality. In 1984, Mr. Kensicki was officially recognized for his exceptional performance on a special project which required a precise procedure using a special template for production of a unique composite map and chart product. By using this technique, hundreds of negative engraving manhours were saved.

Kensicki volunteers to train and work with other hearing impaired employees and new employees within his division. He is recognized for his concern, dedication to duty and excellent knowledge of all aspects of his work as an Offset Photographer.

Mr. Kensicki lives with his wife and three children in Largo, Md.

Now Hear This

by CW3 Andrew Yacenda

Now hear this, or can you? Interesting question. Not so interesting if you have your hearing. But what if you can't hear, or have a partial hearing loss! What would you do? How would you feel? It is very easy for many of us to take our autonomic senses, e.g., sight, ability to feel, smell, hear, etc., for granted. Think about your senses for a moment, and how you would react to the loss of one or more of them. Now, as a Defense Mapping School Instructor, what would you do if you were tasked with teaching five hearing impaired students, and you have no formal training in sign language? There are several options open to you. You could panic, try to talk your way out of doing it based upon your limited, if any, experience with sign language, or even go out and gather a ton of visual aids to delineate the subjects. The Department of Graphic Arts was recently confronted with this particular situation. We took another option other than the aforementioned. We considered it a challenge, as opposed to being a problem.

Here's what happened. The Defense Mapping Agency Hydrographic/Topographic Center requested that the Defense Mapping School provide FY 86 quotas in the Basic Photolithographic Processes Course to train hearing impaired employees of the HTC Graphic Arts Department. We began by researching what would be required of DMS to provide this training. Foremost in our minds was safety. For days, questions ensued regarding fire drills, e.g., the inability of the students to hear a fire alarm, the feasibility of installing flashing lights as a substitute, etc. After a deluge of considerations, we presented a plan to various fire and safety officials for approval. Our biggest question was yet to be answered -- how will our instructors communicate with the

hearing impaired students? After all, one can tap dance for only so long (smile). For example, how would sign language be seen in a darkroom. The answer came in the form of trained Sign Language Interpreters, Ms. Jan Nishimuria and Mr. Roy Craig, who solved this problem for us. However, not all of our needs were met simply by having interpreters. The interpreters would need a working knowledge of graphic arts and be familiar with as much technical terminology as possible. Another concern was remaining on schedule and keeping the class running as normal as possible. Easier said than done!!

In an effort to resolve these anticipated problems, two of our most outspoken instructors were consulted. Mr. Bill (Golf Bag) Sutton and Mr. John (Pepsi) Jacobs. Talk about challenge, that is exactly what Bill and John wanted. Their response was one of total support. It did not take long before the word was out that GAD would be providing instruction to hearing impaired students.

Needless to say, this was going to be a most interesting class. The class consisted of sixteen students; five hearing impaired, two US Marine Reservists, eight US Army, and one international student from Tunisia. All students were eager to get started and the interpreters were on hand to provide translation. The first day will be remembered throughout the Photolithography Division for a long, long time. It began with Mr. Jacobs introducing himself as the world's greatest instructor. As the class proceeded, it became apparent to the interpreters that a sign language would have to be invented to describe words like Ortho and Lith (types of film). One of the most interesting translations was the sign language used to describe the expression "boo", which Mr. Jacobs frequently uses to tell his students that they answered his questions incorrectly.

Things moved very well during the next few days, that is until Mr. Wesley L. McGee, otherwise known as "one way McGee" (Mr. Jacobs renamed him) asked about

getting his friend Larry, who is also an employee of HTC, and who is hearing impaired as well, in the class. Again, the wheels of action began to turn to see if this were possible. Following efforts ranging from the Division and Department chiefs, to the chief of Programs, Budget, and Operations, Larry was able to attend the course. Mr. Jacobs took on the responsibility of bringing Larry's training up to date with the rest of the class. Larry's co-workers were really pleased that he could attend the course, and that made their appreciation known to us. At this point we felt that warm sensation of having accomplished something that was well appreciated. We are very proud of all of the instructors involved in teaching these students, especially Mr. Sutton and Mr. Jacobs. Their willingness to give that extra effort, and continually motivate all of the students through words of encouragement is admirable.

This class has been unique in several ways. Along with the hearing impaired students learning through sign language interpretation, the other students have picked up a significant command of sign language and body gestures. Above all, the entire class has learned a valuable lesson in patience.



Christmas Holiday Schedule Changed

To align the Defense Mapping School with the Christmas Holiday Schedule published by Fort Belvoir, the School's schedule has been revised as follows:

The last full day of instruction prior to the Christmas break will be Dec. 18, 1985. Instruction will resume on Jan. 6, 1986. Any questions concerning this matter should be discussed with MSG Charles Knight (664-2383).



An Era is Coming to a Close

by SSG Jack Batt

Well, DMS, an era is coming to a close. What era? The Jack Batt era, what else? After ten years, the Defense Mapping School will become history to me. Or is it that I'll become history to DMS?

For me, the past ten years have been filled with memories I will remember for the rest of my life. The good thing about memories is that, as a rule, you only remember the good ones. The bad ones sort of fade away.

My indoctrination into DMS came on the morning of Oct. 23, 1975. I traveled to DMS in my civilian clothes (gee, I hope I still have them - I need them now!) and went into the "Staff" men's room to change into my greens. Whereupon, I was politely told by the PSNCO, "This is not the student latrine!" (I do not recall his name at this time but it wasn't Willis). He was shocked when this baby faced E6 told him, "I'm being assigned here as an instructor."

Well, Department of Graphic Arts look out! Here comes Jack Batt! And so I entered into the world of what is now the J6 course. I was assigned to work with SFC Zieres and Mr. Searfoss. Harvey Moore and Al Josey probably still haven't forgiven Mr. Searfoss for putting me with them.

The next three and a half years had their share of memories but the one that I'll always remember the most had absolutely nothing to do with instruction, GAD or DMS. It was the day that Dick Zieres was promoted to Master Sergeant. I know Joyce Zieres will remember this one -- she had better since she was the one who told me. Anyway, for this special occasion, Dick took two brand new khaki shirts to the cleaners along with a new set of E7 and E8 stripes, one set for each shirt. He got them back from the cleaners the night before the promotion. He held them up and inspected them -- one E7 and

one E8, right! He turned them over and saw the same, one E7 and one E8. He started to put his name tag on the E7 shirt when an E8 stripe caught his eye. Oops, wrong shirt? No! Something is wrong! It seems that the cleaners had sewn one E7 and one E8 stripe on each shirt. Joyce said the madder he got the harder she laughed and the harder she laughed the madder he got. Needless to say, he did not turn sideways at the promotion ceremony, nor did he wear the shirt again until the mistake was corrected.

When my days in the Repair Division came to an end, Mr. Yovorsky inherited me in the Photolithography Division. I remember a day in that division when I was supervising a detail pushing a dolly loaded with a crated line-up table down the back hallway in Bagley Hall. The dolly got a wee bit off course and, as the Jack Batt luck would have it, it crashed into the fire alarm. That's right folks. Jack Batt almost single handedly emptied Bagley Hall. Sorry about that! However, the fresh air did everyone some good, or at least I thought it did.

My GAD days were filled with memories of DMS softball. Other than running over our second baseman, LTC Wrentmore, and putting him out of commission for a couple of weeks, I didn't leave any lasting scars on the image of DMS softball. However, I still think it was a bum rap for Jake (John Jacobs) to get me kicked out of a DMS softball game. This was a special game too! Yes, folks, it is true -- Jack Batt got kicked out of a DMS picnic Officer/NCO game. If you really want to know how it happened, ask me some day.

Friends and foes at DMS, especially Mr. Yovorsky in GAD, probably gave a sigh of relief when I left for Korea in October, 1979. But, to the shock of many, I returned in December 1980. I was



DMSers will remember SSG Jack Batt for his hobby of collecting VW Bugs and repairing them.

assigned to the Topographic Sciences Department and as far as I'm concerned, this assignment is the best of my Army career. I learned more in TSD in five years than I had in the previous fifteen years. These last five years have had their share of memories also.

I'll never forget Marlin Yelton and Norman Andersen's April Fool's prank in Wheeler Hall. They put a sign at the bottom of the stairwell on the west side of the building that said, "This stairwell closed, please use the other stairwell." They also put the same sign at the bottom of the east stairwell. Naturally, one went down the hallway, passing people coming from the other direction, and wondering where they were coming from. They had complete classes going up and down the hall. Even MSG Watts, the building custodian, fell victim to their prank.

The Department of Topographic Sciences was also the second home of the MASH character CPT Tuttle. The "CPT Tuttle creation" came to a hideous boil after his fictitious enrollment in MC&GOC. The Director got a bit upset when he was told about CPT Tuttle's graduation. The Director (unnamed here for safety reasons) had known that we were pulling a gag on Ed Franke but did not realize that we let the gag go on for the entire course. We were forced to return the diploma. "Hawkeye

See JACK BATT, page 11

Pierce" (Mash) would have been proud of us!

Well, DMS, it may have been ten long years for you, but it was ten short years for me. I really do hate to say "goodbye." Oh, this is not a "forever" goodbye. I'll be back visiting, even though it won't be the same. I'll always remember good ol' Jake. I never was able to figure out how to get him to buy me a coke!

Jake and Joyce seem to have been at DMS forever. The nicest thing about Joyce is that she always has words of encouragement and will listen to anyone. I only wish she could help our "Skins." How are you on defense Joyce?

Saying goodbye to certain people would not be complete if I didn't say "so long" to a certain lady in Programs, Budget and Operations. I have known Penny Greer for most of my ten years. Penny was next to me at the Capital Center when I was almost ejected for throwing a ball of paper at an incompetent referee. The people there got very annoyed because I hit the referee on the head. The referee picked up the paper, threw it back and hit Penny! Sorry Penny! When I think of Penny, I think of courage. That little lady sure has it!

Well, DMS, this is it. Time to say farewell. I don't know of anyone here that I would not be happy to see again sometime, somewhere. To everyone at DMS, I say, "Thanks for putting up with me. Thanks for the memories."

by SSG Jack Batt



Major MacPherson Retires

Major William B. MacPherson (USAF), Office of Training Development and Evaluation, will be retiring after 21 years of military service in January 1986.

While Major MacPherson is a native Bostonian, he plans to stay in the Washington area after his retirement. DMS wishes you a most prosperous retirement.



Major William K. Macpherson

Departure.

Chief Warrant Officer 2, Ronald L. Lynch (TSD), who has been assigned to the Terrain Evaluation Division, TSD, as an Instructor, will be departing DMS during the month of December. He has been reassigned to the 45th Support Group at Fort Shafter, Hawaii.



CW2 Ronald L. Lynch

U.S. Armed Forces Insignia Worn With Pride

Since the early days of conflict and war, men have distinguished their type of arms and their ranks by special markings, or insignia. Insignia in the Armed Forces of the United States are various and numerous, and those who know how to "read" them can tell to which service a serviceman and woman belong, what rank he/she holds, and what skills he/she may have.

Have you ever wondered why military men throughout the world pay so much heed to these insignia or why specifications for each device and directions for wearing it are drawn up so minutely and followed so exactly? Besides identifying individuals with their organizations and positions of authority, these symbols build morale. These devices are sources of pride in oneself and in one's organization. From this pride springs a discipline of self which

is the essence of respect for self, for service, and for country.

Every service member should be an authority on the grades, rating and insignia of his or her own branch of service. In addition, he or she should also be able to recognize and know the meaning of the insignia worn by other branches of the U.S. Armed Forces.

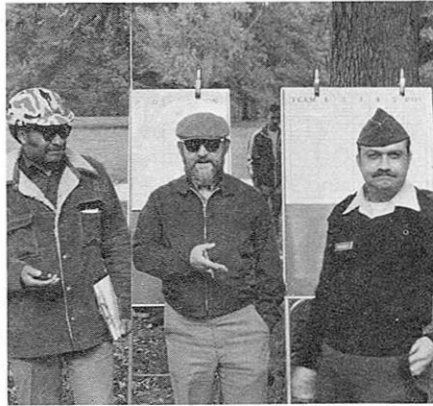
One will find that most service members are very proud of their rank because it signifies that they have worked hard and are succeeding in their chosen profession. When you address a person by his or her rank, you are in fact showing the appropriate courtesy and respect for both the individual and his or her grade. You are also demonstrating your professionalism and discipline as a military member.

by SSgt Tommy D. Williams, Jr.

runners), passed several competitors as though they were standing still, and went on to bring home the victory. Congratulations to Major "Fast Feet Green", and his "Mean Walking Machine."

The next category of competition was participation. To determine this category, an inventory of department, staff, and USATE personnel strengths was conducted. Personnel on leave or official temporary duty were not included in this count. The organization (department, staff or USATE) with the most participants in the competitive events, based upon their total personnel strengths eligible to participate, determined the winner. Staff won this category by a slight margin over USATE. Congratulations to the Staff for a job well done and a special congratulation to LTC Reich, chief of TDE, who had a 100 percent attendance rate.

Many interesting things happened prior to, and during the social. For example, once a flyer had been distributed announcing this festive occasion, telephone calls began to saturate the GAD phone lines. One caller (who I'll not name) wanted to know if a category of competition could be



Mr. Alfred Josey (GAD), Mr. Arthur Fleshman (GAD), and CW2 Bill Michaels (GAD), discuss timekeeping and scoring strategy.

created for the most food consumed, or the most beer drank. Being the good sport that I am, I replied, "Certainly! However, competitors for such an event must be able to consume two family size packages of potato chips while doing a single handed hand stand, balance one can of beer on the bottom of their left foot, switch the can of beer alternately from the left foot to the right foot, and at the same time sing the Star Spangle Banner. All of this must be accomplished within thirty seconds. Additionally, the competitors would have to drink one liter of beer



Ricky Blas (DCAG), SFC Jerome Anderson (AMS) and SFC Burt Ayres (AMS) pose briefly for the camera.



CW2 Ron Lynch (TSD), heads down the home stretch to the finish line.

within ten seconds, using a fifty foot straw."

I'm certain some of you might find this strange but, would you believe, no one signed up for this event! I'm kidding of course. No such event was ever considered, primarily because we couldn't find a fifty foot straw.

Following the sporting activities at the golf course, the social switched locations to the DMS Picnic Area Pavilion, otherwise known as Bagley Park. If there was any one thing that detracted from the social, it would have to have been the weather. It was a little windy and cool but all in all, I think the social was enjoyed by most everyone.

A very special thanks and appreciation to all of the Graphic Arts personnel who contributed much of their time to help make this social a success. For those of you who are interested, photographs of the social activities are on hand in the Graphic Arts Chief Instructor's office.

by CMSgt LyltonB. Jackson



In the finest tradition of "team building." Mr. Harry Mazza assists fellow competitor. In the foreground, Deborah Eure presses on. Deborah later said, "I didn't realize walking could be so tiring, never again!"

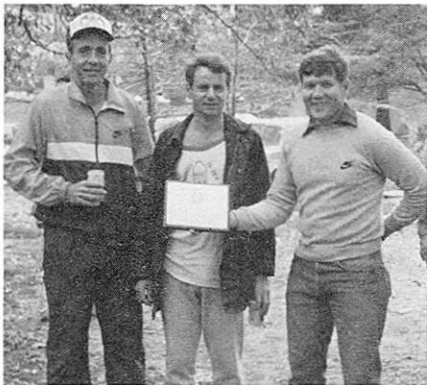
Quarterly Pictures



LTC Bill Griffith (TSD) and Mr. Jim Harnden (TDE) chat while participating in the walking relay.



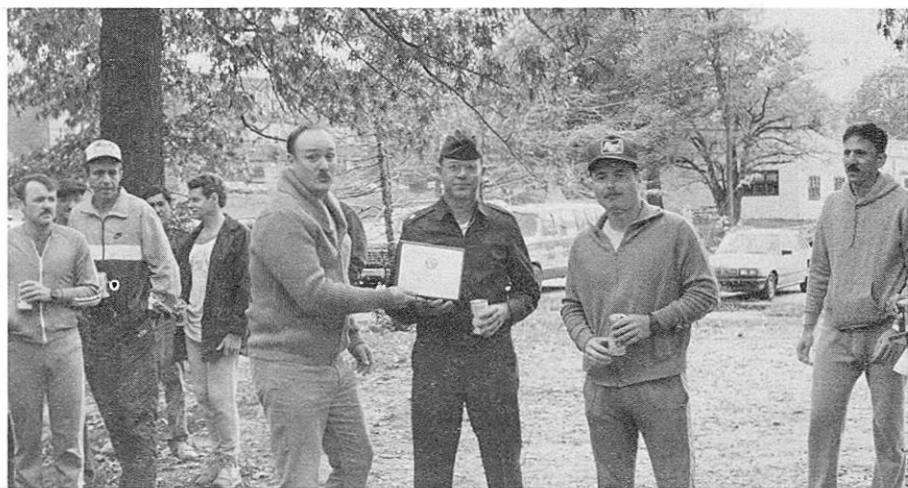
CW2 John Epsen (USATE) hands off to Mr. Steve Falkenthal (US ATE), while Jim Harnden (TDE) looks on. CMSgt Lynton Jackson (GAD) shouts the runner's identification number to the scorers and timekeepers.



SGT(P) Timothy Brennan (GAD) looks on as Major Kurt Hovanec accepts the first place running plaque for the Topographic Sciences Department. Standing with the Major, from left to right, are CW2 Ron Lynch, Major Anthony Keeley and SFC Ivan Herring.



Ms. Wilma Paceley (PBO) accepts the participation award for Staff. Standing along with Ms. Paceley, from left to right, are SGM Philip Tarr, Colonel Maune, Lt Col Ritchey, Dr. Geraldine Berry, Mrs. Helga Yovorsky and Ms. Beverly Buford.



CW3 Andy Yacenda (GAD) looks on as Major James Green, SSgt James Lobdell, and SSgt Mark Bryant accept the first place walking plaque for the Department of Survey.



Participants enjoy food and drinks after the competitive events. SSG Enrique Rudino listens intently to ongoing conversation nearby.

National Drunk and Drugged

Driving Week Begins December 15

Ever wonder why some people shudder at the thought of flying, grow faint at the idea of sky-diving or scold their kids about skateboarding hazards, but think nothing of having a few drinks and then getting into their cars and driving home?

It's a problem of perception and awareness. Alcohol is so familiar a part of some people's lives that they fail to recognize it as a potential threat to their safety.

December 15-21 is National Drunk and Drugged Driving Awareness Week; the aim is to focus attention on deaths and injuries caused by drinking and driving.

The month of December and the early weeks of January usually mean a lot of office parties, holiday receptions and other social occasions that lend themselves to alcohol consumption.

Drunk drivers cause half of all auto deaths in the United States. Within the last decade, more than 250,000 people have been killed in alcohol-related accidents. That's more than five times the number of U.S. combat deaths in Vietnam. Last year, approximately 23,000 people died and more than 600,000 were injured in alcohol-related accidents. Every 20 minutes, one American life is lost in an alcohol related accident.

During fiscal 1985, 443 soldiers, sailors, airmen and Marines lost their lives in four-wheel motor vehicle accidents. Of those, 121 deaths were alcohol related. During the same period, 196 service members were killed in two-wheel (motorcycle, moped) accidents. Fifty-three of the fiscal 1985 deaths were drug and alcohol related. The figures for fiscal 1984, which do not include Marine deaths, are just as bad: of 649 two-wheel and four-wheel fatalities, 144 were drug and



alcohol related.

National Safety Council estimates for the upcoming holiday season that nearly 2,000 people may die in motor vehicle accidents involving the use of alcohol.

With the hope of reducing the number of lives lost, the National Safety Council this year is emphasizing its theme, "Designated Driver: Being a Friend." The principle is simple: one person in each group does not drink alcoholic beverages and assumes the responsibility for driving the other guests home safely.

At the next party, a different person volunteers to stay sober and drive the other party-goers home safely. What better gift can a friend offer than an extension of life, or avoiding the terrible burden of having killed someone?

And, short of killing someone or being killed, there is more to think about. In a military court, drunk drivers who have injured someone face maximum punishment of a dishonorable discharge, forfeiture of all pay and allowances and confinement for 18 months for a first offense.

Even if no one is injured, a first offender could still be thrown out of the service with a bad conduct discharge, forfeiture of all pay and allowances and confinement for six months. Manslaughter convictions carry more severe penalties.

Highway Killer of Unknown Dimension

The number of deaths and injuries due to alcohol-related motor vehicles accidents is well documented. What safety experts don't know is precisely how many drugged drivers are causing accidents.

The National Safety Council estimates that for every 100 alcohol related accidents, there is approximately one arrest for driving under the influence of another drug.

Medications for pain relief, motion sickness, head colds and allergy symptoms, as well as barbiturates, narcotics and other drugs, can act on the same brain areas as alcohol.

If you are taking any of those kinds of medications, consider these safety tips:

Ask your doctor or pharmacist if it is safe to drive after taking a prescribed or over-the-counter drug, and then follow that advice.

Read the label for a warning of potentially adverse effects.

Ask what the effects would be if you consumed alcoholic beverages while using the medication.

ITC Teaches Teachers

by Ricky Blas

Major Ron Lecki, Office of Training Development and Evaluation, was assigned the responsibility of Manager of the Instructor Training Course for the Defense Mapping Agency's Components in October. The November issue of the Contour focused briefly on ITC in general. In this issue Major Lecki more fully explains what ITC is and how DMS instructors can become a member of this professional team. Major Lecki says, "The ITC course is an opportunity for our talented instructors to transfer their collective skills and knowledge to future instructors of the Cartographic School at the DMA Aerospace Center in St. Louis, Mo. and the New Employees Orientation Course at DMA Hydrographic/Topographic Center. Our job is to teach teachers to teach."

This program enjoys the enthusiastic support of the Defense Mapping School's Director, Colonel David Maune. He provides direct guidance to the growth and devel-

opment of the program; effecting changes in the program as necessary, and personally reviews the student's end-of-course critiques.

Major Lecki's first Instructor Training Class took place at the Aerospace Center, St. Louis, Mo. in October, 1985. He recalled an incident whereby a young lady had problems with organization and nervousness during her first five-minute presentation. Fortunately it was an ungraded practice exercise. The student discussed her performance with Major Lecki and her primary instructor. After receiving the professional guidance she needed, she made a complete turn around. In just six days she developed into a poised and confident presenter with qualities one would expect from a well disciplined and seasoned instructor. As a result of her expertise, she won the "Best Presentation Award" for her outstanding achievement.

How does one become a member of the ITC Professional Team? Major Lecki answers, "To become a member, you need to coordinate your desires with your division and department chiefs, then contact me. I will then discuss the program with you, answer any questions you may have, and we will



Major Ronald C. Lecki

jointly determine if you need to observe a class here at DMS or feel confident enough to accept the responsibilities of a primary instructor immediately. You may also wish to consider being a guest speaker at one of these classes. This means that you would teach one or two lessons as opposed to performing in a full time position as primary instructor for the entire length of the two-week class. The ITC is an exciting, challenging, and rewarding program. I encourage anyone who may be interested to contact me at 42667 or 42182 at your earliest convenience."



CHRISTMAS DAY

BY: SSGT T.D.WILLIAMS

Random "code letters" have been substituted for the correct alphabet letters in this Yuletide message. Discover the correct letters for those shown and you will "break the code" and decipher the cryptogram. Key letters are:

YMCPGH

CHRIST



ŸMCPGHAZG WOZGH YOEOKCZHPUV HMO KPCHM

BW YMCPGH UBR VOUCZEEL BKGOCQON BU

NOYOAKOC 25. HMO OIYMZUVO BW VPWHG

GLAKBEPJOG VBN'G VPWH BW MPG GBU HB

AOU ZUN RBAOU, VPWHG HMO RPGO AOU

KCBDVMH HB HMO YMCPGH YMPEN, ZUN HMO

KBUN BW YMCPGHPZU EBQO PU HMO

WZAPEL ZUN RPHM WCPOUNG.



Season's Greetings

From the Editor

Time has become an illusive product. It seems that most people are looking for more of it. Is it possible that the world is spinning so fast that a 24 hour day is, in reality, less than 24 hours?



"I get vacations, too!"

by Captain Allen Waitkus

"One never notices what has been done; one can only see what remains to be done. . ."

—Marie Curie, physicist and chemist



The Contour is an authorized newspaper, published monthly by and for the Defense Mapping School, Defense Mapping Agency.

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