

CONTOUR

8 January 1982

Defense Mapping School

Volume 9, Number 1

Pegues, Seeley, and Shaw Cited as People of the Year

Over Fifty Members Honored In December

The 18th of December ushered in the true spirit of the holiday season as we all turned out to honor our friends and coworkers in the morning and feast with them in the afternoon.

The Director presented awards or letters of recognition to over fifty members of the School at this year's Employee Recognition Day. The Deputy Director was "Master of Ceremonies" for the annual awards day, and the Chief Instructor assisted in the award-giving.

For the third year in a row, the innovative members of the Department of Cartography and Applied Graphics ran off with the Department/Staff Participation Award in the Suggestion Program. LTC Valvo accepted the award on behalf of the Department.

SGM Jerry Watson, TDE, long-renowned for his suggestiveness, received an individual suggestion certificate for his idea to place portraits of past Directors in the entranceways of Bagley and Wheeler.

"It is indeed a pleasure to express my personal congratulations on surpassing your Combined Federal Campaign goal and in helping DMA achieve its most successful Campaign ever," wrote Major General Richard M. Wells in a letter recognizing the efforts of CFC Chairman, Major Bill Farr, keyworkers, and all at the School who made donations.

DMS realized 118% of its goal this year, with a monetary total of \$8,250.00. This achievement spurred General Wells to comment: "It is always a pleasure to be on a winning team, and all at DMS are winners."

Keyworkers singled out for recognition included: SGM Gerald Watson, TDE; Capt Steve Yoakem, PBO; SSG Jack Batt and SSG Ted Poulson, TSD; SFC Wesley Bohannon and SGT(P) Pat Downs, GAD; SP5 John Mann, SD; MSG Jack Del Barto, AMS; and Steve Falkenthal and Sue Kersey, DCAG.

Air Force Major Alan Cobb, TSD, was honored in letters from Brigadier General Allen K. Rachel, USAF, Deputy Director, DMA, and Colonel Stockhausen for chairing the Air Force Assistance Fund (AFAF) Campaign at DMS. General Rachel wrote: "Please convey my congratulations and thanks for a job well done to Major Cobb, your keyworkers, and individual contributors who all helped to make this year's campaign such a success."

Colonel Stockhausen cited Major

AWARDS, cont. on page 8



DEFENSE MAPPING AGENCY
DEFENSE MAPPING SCHOOL
FORT BELVOIR, VIRGINIA 22050

IN REPLY REFER TO

NEW YEAR'S GREETINGS FROM COLONEL STOCKHAUSEN

Welcome to the New Year! I hope it will be a happy, healthy, and prosperous one for all members of DMS, their families, and their friends.

The New Year promises to be a special one for the Defense Mapping School. We will commemorate our tenth anniversary in July of 1982, a milestone that should prompt us all, newcomers and oldtimers alike, to reflect on the accomplishments of our unique past.

As we proceed toward our next decade, let's go forth with the spirit of freshness and resolve that the New Year symbolizes.

WILLIAM T. STOCKHAUSEN
Colonel, USA
Director

Class Notes Class Notes Class Notes

The Editor hopes you all had a merry season, wherever you did wander. Here at work, the walls reverberated with your absence, mumbling: "One on...one off...one on...one off..."

But even while we all "jollyed", the *Contour* elves were hard at work and thus you have in your hand a fun-filled, action-packed issue for the new year.

I received a couple of nice presents for this issue: an MP pic (keep 'em coming, folks), and a puzzle. Thanks to the contributors for their giving spirit.

I spent some time in the lull composing a DMS version of the "Twelve Days of Christmas." After getting as far as "Seven surveyors a'surveying, six cartographers a'scribing, five working APPS...and a Director of MC&G", I turned in my poetic license. (As Major Millians would say, I was rapidly decomposing.)

While tramping around the Christmas parties (should I have used a different verb there?), I happened on yet another request for a *Contour* "rumor" column, or reasonable facsimile thereof. This makes a grand total of at least three requests, so by popular demand, we will start our own "Ear" (nose?

throat?) column beginning in the next issue. These are brave words I am speaking, because I need contributions.

Of course this is a family paper, so the term gossip is used very loosely indeed. I am especially interested in such events as birthdays, anniversaries, civilian promotions that otherwise go unnoted—and sports news! It is high time the paper had a sports column, and it could get a head start if all you bowlers, golfers, racquetball players, and et ceteras would take a few minutes to jot down the scores and highlights of your last adventures.

I also wouldn't mind a few lighthearted snatches like: "Guess which E-7 locked his/her spouse and keys in the car and had to get a crowbar to get them out?" (That one is courtesy of Rodney Dangerfield.)

Anything you think is amusing, non-insulting, and conducive to the spirit of the School is acceptable. After meeting those conditions, if there's anything you can think of that fits the bill, please pen it down and give it to me.

© © ©

The backside of your next government check may look a little pale, even buff-colored.

The Treasury Department is modifying the color scheme of federal checks to improve the quality of its microfilming operation.

Scheduled for a gradual changeover depending upon the purpose of the check, the existing green color will be retained on the face of the new checks and the reverse side will be a light tan color with orange ink.

© © ©

The last *Contour* puzzle drew some heavy fire from those that insisted it involved two squares, one large and one small. Wrong! Here's the solution, again put together by the crafty offset printing night owls.



Get out your green thumbs and your geometry books. Here's the new puzzle, courtesy of the DCAG-D Phase II.

How can you plant five rows of corn with four seeds in each row and use only ten seeds?

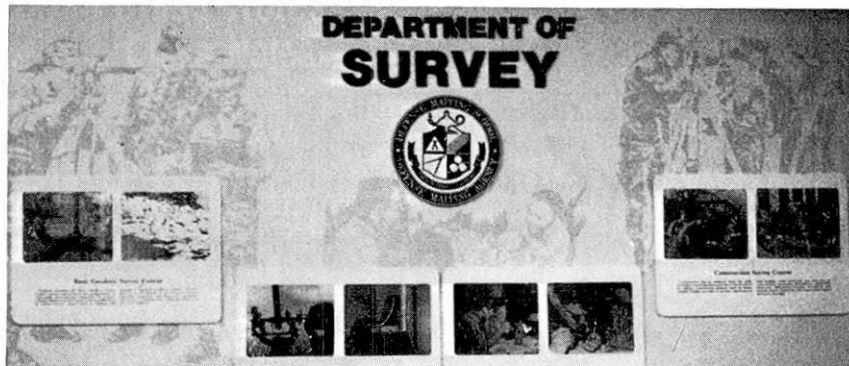
Give me a call at x43497 if you've figured it out. ©

Thanks to the marvelous talents of Mr. Ron Perkins, the coordination of CW3 Tom Nolta, and the efforts of TSgt Larry Kommes and the Supply Division, DMS now has two new display boards in the HQ hallway.

The picture at left is of the board for the Department of Survey, and features photographs and a description of courses taught in the Department. The other board discusses each of the Departments in a more general way.

Plans are underway to change the boards on a six-month cycle, with a new Department featured each time. The next board will detail courses taught in GAD. ©

DMS & SD On Display at HQ DMA



SD's Webb Departs With JSCM

In December we bid farewell to a five-year veteran of the School, SFC

Larry Webb, who was an instructor in SD. Larry, who may also be



Dave Lehman, left, wishes Army instructor SFC Larry Webb, a five-year DMS vet, all the best as he hands over the citation for the JSCM. (Yep, despite those new-fashioned fatigues, Larry's in the Army!)

remembered by some as the hairiest MP to ever grace the pages of the *Contour*, is heading for a year with the 44th Engineer Battalion, Korea, where he will be assigned as a technical engineering supervisor in Battalion Operations.

The good news, Larry assures us, is that he will be returning at the end of this to the world of construction surveying. This will also come as good news to Larry's wife, Beverly, and daughter, Bambi, who will be living in Pennsylvania until SFC Webb's return.

In presenting the JSCM, Survey's Acting Chief, Dave Lehman, characterized him as "a good man who I am truly sorry to lose."

The JSCM citation reads, in part: "SFC Webb made vast improvements in the Construction Survey Course by developing cogent training materials and upgrading instructor expertise. His initiative, total dedication, and concern for student welfare significantly enhanced the abilities of course graduates to perform assigned technical tasks."

Good luck from all of DMS to Larry, we'll be looking for you next year. ©

A Master Operator Leaves DMS

After three and a half years of dispensing advice, administering PT tests, coordinating graduations, and performing the other dozen or so tasks we went running to him for, Joe Shamp has turned in his DMS stopwatch and left us all for sunny Atlanta.

Joe, who should be an official, spanking new MSG by the time this *Contour* hits the stands, is spending his next tour at Fort McPherson.

When we realized our coffee-maker and friend was departing, we didn't harbor a grudge for too long. On 4 December, LtCol Landry presented MSG Shamp with the JSCM for his work as assistant operations sergeant. The citation reads, in part: "While devoting a full measure of energy and enthusiasm to the School, SFC Shamp provided

a true sense of direction, training, and organization for the faculty and students, and insured strict adherence to the School's teaching mission."

The citation could not begin to detail the myriad of "little things" Joe went out of his way to do—and did in an always friendly and personable way. Now that he's gone, the headspace on the WANG won't adjust, Mr. Franke can't get the lid off his thermos, and we can't find the bottle top on the field that marks where the PT run is supposed to end.

LtCol Landry put it best: "I have nothing but good words for Joe. He helped me through some difficult learning times."

"Nobody ever permanently leaves DMS," said Joe at his farewell luncheon, "I'll be back." ©



Yessir, the medal fits fine.

What's Going On In PBO?

Following the KISS Theory With the AOS

by Capt Steve Yoakem

"KISS". This is one acronym known by those with military experience. It stands for Keep It Simple—Stupid. (The "stupid" refers to those who are trying to keep it simple.)

Napoleon applied the same principle by letting his corporal read and interpret his orders to the generals. He knew if his corporal understood the order, then his generals would no doubt do the same.

Now just what does this have to do with the School's future Automated Office System?

Just this: the words "Automated Office System" sometimes conjure up images of complex computer systems with massive gray boxes, blinking lights, and tapes which are all closely-guarded by a little old genius. (The genius has long, frizzy hair, a laboratory smock, and wire-rimmed glasses.)

This may have been true in the past, but the latest inventions have made the use of word processors and computers simple enough to be operated by those of us who don't own smocks.

It is this new technology that DMS plans to take advantage of to acquire "user friendly/user programmable" word processors. These will offer more capabilities than just "word processing".

The plan for accomplishing this does not resemble the "Great Land Rush", but instead will be a gradual plan, completed in several building blocks. This will transpire (it is hoped), over a year's time, starting in February or March of 1982.

The first building block plan, if approved, will be the installation and familiarization with eight word processor terminals—one in each department and staff office, and one in supply. Just prior to installation of



"What kind of computer malfunction?"

the processors, personnel will be trained in their operation. After installation, prospective plans call for a small coaxial cable, similar to that used by cable TV, to be installed between buildings 214, 215, and 220 to allow department/staff terminals to communicate with each other.

The second planned building block will be the implementation of a *Management Information System*. This involves nothing more than taking inventory of those priceless bits of information that we store, retrieve, and examine. The System will put the information right at our fingertips, and save large amounts of search time. These bits of information may be stored with the department/staff terminal, or may form part of a data base common to all.

As an example, a department may wish to make a change in a lesson plan, such as a deletion of an obsolete training objective. With this system, the change can be made at the departmental terminal and instantly read at TDE's terminal.

TDE could then approve the needed change and automatically correct all related course content documents which were affected by the change.

Time saving and constantly current documents are thus readily apparent advantages in this one instance.

Establishing such a system, however, is painstaking and may take up to a year to institute. For this reason, a special project team, composed of key members from each department/staff, has been established. The final results of their efforts will be dependent upon the level of interest taken by all in supplying them with useful information.

The third building block is the implementation of a *Decision Support System* which will provide key decision-making information to those who need it.

As an example, if a man was about to take his 1953 Studebaker on a 200-mile trip across the West Texas desert with a gas gauge that read $\frac{1}{4}$ full, he would probably need to make a decision.

The Decision Support System will act much the same as the gauge on the man's Studebaker. It will focus attention on key areas that require some action. In DMS terms, this system will ensure that supplies are reordered at specific points, or it

see KISS, page 7



MYSTERY PERSON



There's more than one mystery associated with this pilloried MP, but if I tell you why now, I'm sure to give him away. The last word of the third pillory rhyme describes this fellow's usual footwear, and with his experience in graphics, he could have painted the sign himself.

There just may be a bug or two crawling around his head, but since his arrival back last year, he's got two DMS Departments to call "home". I don't mean to "coin" a phrase, but give me a call, y'all (x43497). ©

B&B Go Deep In the Heart of Texas

With Gene Murray leading the ensemble, Bill and Bonnie Benning (the Mister and the Mrs.), departed the halls of DMS to the warble of "Deep in the Heart of Texas."

The opportunity for this musical serenade presented itself at the Benning luncheon, held at the NCO Club with many members of the staff, DCAG, and other departments in attendance.

The luncheon took the form of a "mini-roast", with the new Warrant fending off most of the jabs.

LTC Valvo insisted that it was not true that Bill couldn't be promoted as an NCO, and that he may even be able to "go for a commissioned rank one day."

Bill received a variety of interesting presents, including an autographed basketball slightly in need of an air pump, a "Texas longhorn belt buckle", and a pointer.

Bonnie received a gentler treatment from LTC Maune, who praised her ability to keep him "fat (because of the everpresent candy on her desk), dumb (by handling all the affairs of the office by herself), and happy (because of her friendly air and a neverending stock of jokes)."

On a more official note, Bill received the JSCM for serving as a DCAG instructor from 25 July 1979 to 24 December 1981. The citation reads, in part: "During this period, Warrant Officer Benning demonstrated exceptional abilities as an instructor, technical writer, and counselor. His performance on Mobile Training Teams has produced a model foundation for subsequent training missions."

The Bennings are destined for Fort Hood, Texas, and we've sent advance warning! The best of the all the best to the Bennings on their new tour. ©

LTC John.....Who??

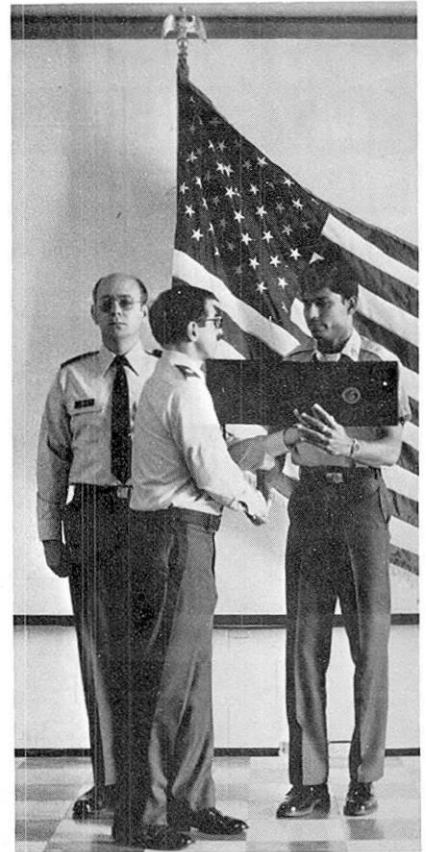
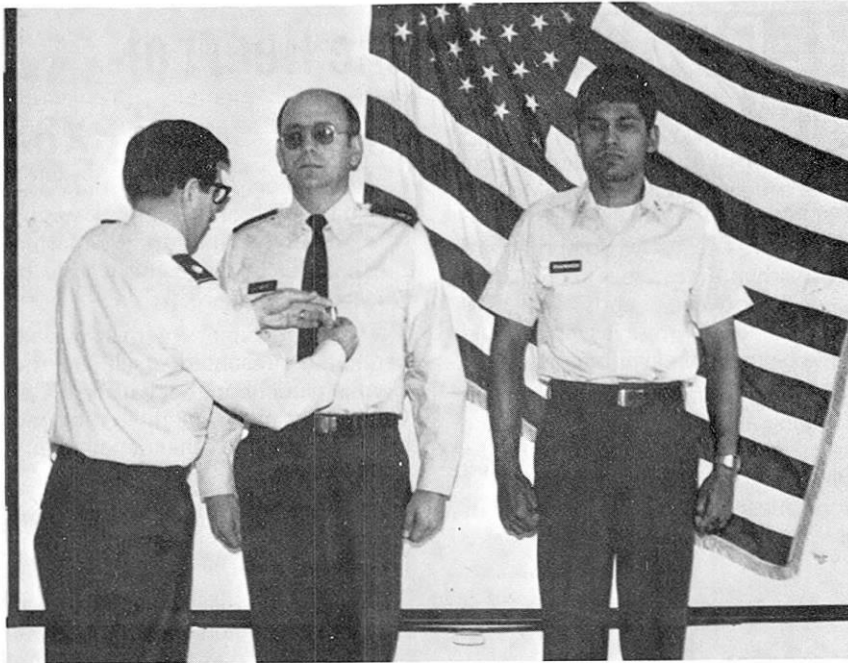


A recent communique from ex-DMS member LTC John Crossman advises: "Here is one for the *Contour*. I guess you could entitle it "Remember Him?" or "LTC John Who?" The occasion is the presentation of the Defense Meritorious Service Medal that was the result of my three years at DMS. The presenter is Captain Anthony D. Sesow, USN, the Acting Director of Intelligence for the U.S. European Command."

The citation reads, in part: "Through his leadership, foresight and managerial ability, he developed in his personnel a degree of technical and instructional expertise and devotion to duty unequalled in the military mapping community. His personal interest and dedicated efforts, associated with the design, development, and presentation of Mapping, Charting and Geodesy courses, were key factors in establishing and maintaining the high technical proficiency and professionalism of graduates of the Defense Mapping School."

LTC "John Who" also sends his regards to "all my ex-cohorts there at DMS." Thanks, Sir, it's always a pleasure to hear from old friends. ©

Class Acts Class Acts Class Acts....



Upper right, Bhaggie bags the JSCM! As reported in a previous edition of the Contour, the new WO1 Bob Bhagwandin was cited while an SSG for his instruction in DCAG, from 10 October 1980 to 13 August 1981, when he became a WOTAC student. The citation reads, in part: "SSG Bhagwandin's unselfish dedication, initiative, and professional preparation and delivery of instructional material were important factors in the successful accomplishment of this Agency's training mission." Congrats to a dedicated and ambitious member of DMS!

There were also good words for another WOTAC student, above. In November, before being appointed to his present rank of WO1, SFC Michael F. Weir received the Meritorious Service Medal for his tour as Field Artillery Senior Enlisted Advisor, Army Readiness Group, Fort Sill, Oklahoma, from 8 September 1978 to 10 August 1981.

Below, the last graduating Navy/Air Force Basic Lithography Class of 1981 had a special feature. Lithographer Second Class Noreen Ann Martin, who is making a career change with her new-found experience in graphic arts, re-upped with the USN for six more. Commander J.K. Todaro, Ann's former Executive Officer, made a special trip to DMS to do the honors. ©



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Honored with the Presidential Rank Award of Meritorious Executive in a recent government-wide ceremony held at the State Department was Owen W. Williams (center), Deputy Director for

Management and Technology, of the Defense Mapping Agency. Presenting the citation was David O. Cooke, Deputy Assistant Secretary of Defense for Administration (left) and Donald J. Devine, Director, U.S. Office of Personnel Management.

Williams Named Meritorious Executive

The Defense Mapping Agency's senior civilian, Owen W. Williams, was honored at the first annual government-wide ceremony for recipients of the Presidential Rank Award of Meritorious Executive, held recently at the Department of State.

Mr. Williams, Deputy Director for Management and Technology at DMA, and other Senior Executive Service award winners received their citations—and \$10,000 stipends—from Donald J. Devine, Director of the U.S. Office of Personnel Management.

Mr. Devine characterized the ceremony as an effort "to demonstrate in a very visible way that the good works of those who have entered public service do not go unnoticed."

"Obie" Williams was nominated by DMA's former director, Air Force Major General William L. Nicholson, III, as an "internationally recognized expert in his field whose professionalism, positive leadership and managerial acumen have contributed significantly to vital defense objectives."

General Nicholson cited a long list of major accomplishments by Mr. Williams during a period of transition at DMA, from production of traditional paper maps and charts into the era of digitization, where a steadily increasing number of aircraft, ships, and missile systems rely upon DMA's expertise to accomplish their missions.

In addition to normal production, General Nicholson pointed out that Mr. Williams had directed the generation of "70 special data products, many critical to successful political and military objectives of the Nation."

DMA's Deputy Director for Management and Technology since November 1979, Mr. Williams has had a distinguished career in various cartographic, geodetic and engineering positions, including research, at the mapping agency and the former Army Map Service, as well as with the Air Force in several areas, including the Cambridge Research Laboratories, where he was director of the Terrestrial Sciences Lab.

He and his family live in Annandale, Virginia. ©

KISS. cont. from page 4

may pinpoint an excessive student attrition rate.

This system, too, is painstaking, and is actually a refinement of the Management Information System.

In essence, the purpose of the future DMS Automated Information System is to institute word processors with minor computational capabilities, a Management Information System, and a Decision Support System.

Future possibilities for the DMS system may include telecommunications and graphics, or perhaps even more, depending upon the requirements identified.

At any rate, a very deliberate, but gradual, building block approach will be used in order to take advantage of the many talented people at DMS who will be the key elements to the success of such a system.

Throughout the development of such a pilot program, the constant thrust will be to make the system responsive to the user and as simple as possible.

When successfully implemented, this system will be one of the few of its kind in the Department of Defense and will reflect the concerted efforts of all at DMS. ©

The Defense Mapping School *Contour*, is an authorized newspaper, published biweekly by and for the DMS. Opinions expressed in this publication are not necessarily those of the Department of Defense.

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COL William T. Stockhausen
Editor: Linda Stacy

AWARDS, cont. from page 1

Cobb for his "outstanding accomplishments as the DMS Project Officer. Your efforts enabled the School to attain 100% of its goal."

TSgt John Sarles, USAF, who was the Commandant's Award Winner of the MAC NCO Academy (East), received two letters of congratulation. General James R. Allen, USAF, Commander-In-Chief, MAC, expressed his pride in John's achievement, "which reflects outstanding ability and motivation."

In passing on General Allen's praise, Major General Wells cited TSgt Sarles' "high degree of professionalism and personal pride."

This year's superman awards, devoid of Mark Cornwell, were given to CW2 Denny Johnson, DCAG, and CW2 Norm Price, of TSD, who each achieved maximum scores on the Army PT Test.

Outstanding Performance Rating Certificates were presented to: Dan Risher, Jim Harnden, Tom O'Brien, Ron Perkins, Shirley Bowers, Howard Shaw, John Houchins, Freddie Greear, Bill McCray, Bev Eppolito, John Jacobs, Louis Lash, Bob Ainsley, Al Marvel, and Bonnie Benning.

Sustained Superior Performance recipients included Betty Reay, Cathy McCloskey, Judy Smith, and Carl Markwell.

Sue Kersey received an Outstanding Performance Rating Certificate and a Special Achievement Award.

Jack Barts received an Outstanding Performance Rating Certificate and a Sustained Superior Accomplishment Award under the Merit Pay System. Also in the Merit Pay System, Bill Revell received a Sustained Superior Accomplishment Award and Dick Christ received a Special Accomplishment Award.

In awards previously presented since June, Joyce Zieres was the recipient of an Outstanding/Sustained Superior Performance Award.

In the "special type" category, generous and able-bodied LICM Bill Portt was awarded a blood donor certificate for a cumulative six gallon donation; Jim Harnden was recognized for donating a total of three gallons.

Members of the School donated 31 units of blood in the past year. TDE, in keeping with its tradition, donated 17 of the total.

Six people donated 26 of the 31 total units: Jim Harnden (six); John Jacobs (five); SGM Jerry Watson (four); Carla Davis (four); Major Haverland (four); and Bob Ainsley (three).

Master Instructor Certificate recipients included: WO1 Bill Benning, SSG John Mroz, SFC Dave Schiefelbein, SP5 Kathy Gerhart; LCDR Mike Hacunda, GySgt Tommie Shuler, and SSG Ed Williams, Jr.

At the bated breath and "May I have the envelope, please" time, CDR Slayman took a few minutes out to praise those who take the time and effort to nominate coworkers for "People of the Year."

These awards are special in that anyone may nominate any coworker who he or she thinks is worthy of recognition, and it is indeed a

compliment to be even nominated for the award.

NCO of the Year is SP5 Saunie Pegues, of DCAG. Nominees included SSG Art Flinn and GySgt Tommie Shuler.

Mr. Howard Shaw, also of DCAG, was named Civilian of the Year out of a field of nominees that included Bev Eppolito, Sue Kersey, and Bill McCray.

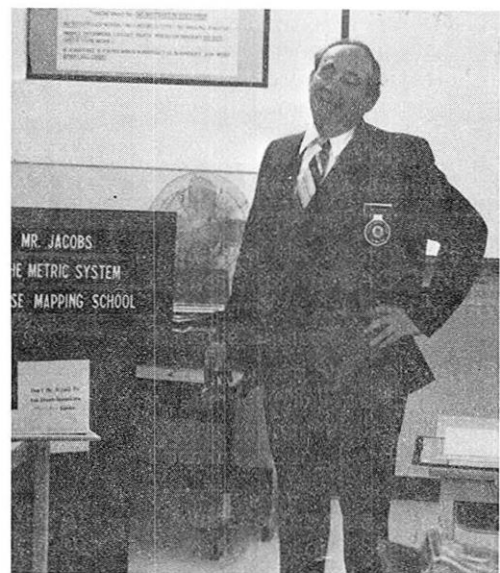
Officer of the Year winner is WO1 Raymond "Scott" Seeley, of TSD. Others nominated include: LCDR Mike Hacunda, CW2 Denny Johnson, CPT Leonard Kukoski, and CW3 Tom Nolta.

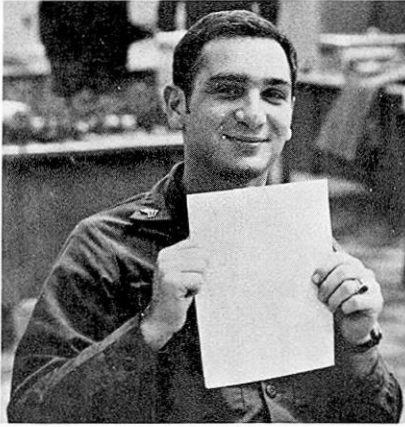
Before we all went "straight back to work", Colonel Stockhausen conveyed holiday greetings from ex-Director, Colonel Wood. The Director also commented on the typical rapid turnover rate at military agencies, and the unique sense of continuity at DMS that will make our new year as successful as the old one.

And then it was time for the traditional merrymaking "lunch break". ©

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Pix from the parties and Employee Recognition Day in the next Contour.

A dapper Jake Jacobs, as fresh as the new year.





"The Official Score"
and
"Let's Have Some More"
More party pix and awards on
pages 3, 8, and 10.



CONTOUR

Volume 9, Number 2

Defense Mapping School

22 January 1982

At Long Last! The DMS Award Recipients For 1981!



Top honors in 1981 for the Officer, Enlisted Person, and Civilian of the Year: from left to right, WO1 Scott Seeley was chosen based on his work as a student and instructor of WOTAC. Center, SP5 "Saunie" Pegues, after receiving her award from the Director. Saunie's work was exceptional in many areas, but she was cited primarily for her "friendly and patient" teaching methods in DCAG. At right, the Director congratulates Mr. Howard Shaw, who was specifically cited for his work on the Go/No Go grading system.

Class Notes
Class Notes
Class Notes
Class Notes

Despite what the halftone makers may think, I have a few party pictures that I haven't put in the paper. ALSO! I am having severe processing problems. The [anonymous and oft maligned] processors have managed to misplace two rolls of film, sever the negatives of another straight down the middle, and, to top it all off, taken several weeks to decide to do these horrible things to our pictures. There are some from both the DCAG and TSD parties that have yet to be returned, so please don't think I'm neglecting you folks. I'm as eager to see that picture of Jack Barts sitting on Joe Decker's lap as you are. When I finally do get the pictures back (July?) I'll put some in the paper and circulate the rest.

© © ©

Here's some info on impact aid and tuition charges. The Secretary of Defense, in a memorandum to the Service Secretaries and Chairman, Joint Chiefs of Staff on 22 October 1981, reiterated that DoD will take every possible measure and use of all available legal steps to prevent the imposition of any tuition charges.

"I am sure that many military families are concerned and they should once again be advised that I am determined no soldier, sailor, airman or marine will be forced to pay tuition for the public school education of his or her dependents."

If Service members receive tuition bills, they are to be forwarded to local installation Service representatives designated for that purpose.

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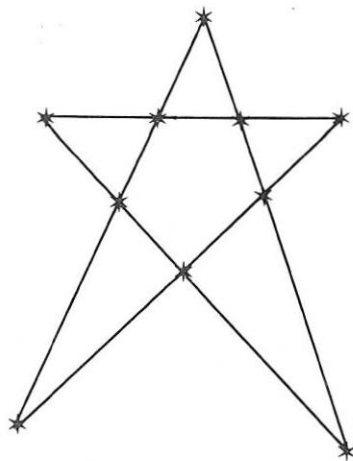
Director:
 COL William T. Stockhausen
 Editor:
 Linda Stacy

How about Alaska in July and August? Mexico in March? New York or Mardi Gras in February? (Now that's a good time to schedule an MTTI) How about the World's Fair in May-October? The DoD Vacation Service is sponsoring trips to all of these wonderlands. You should have already been saving your pennies and your leave if it's Alaska you'd like to "recreate" in, but the other trips are quite reasonable. If you haven't seen the flyers, there are some tacked to the AMS bulletin board.

© © ©

It was SD's turn to be quick and on the money this time. The first correct Wheeler response to the puzzle from last time came from SFC Freddie Hayward—but Dan Risher was close on his heels. The first correct answer from Bagley came from SCF Rick Cruz and company.

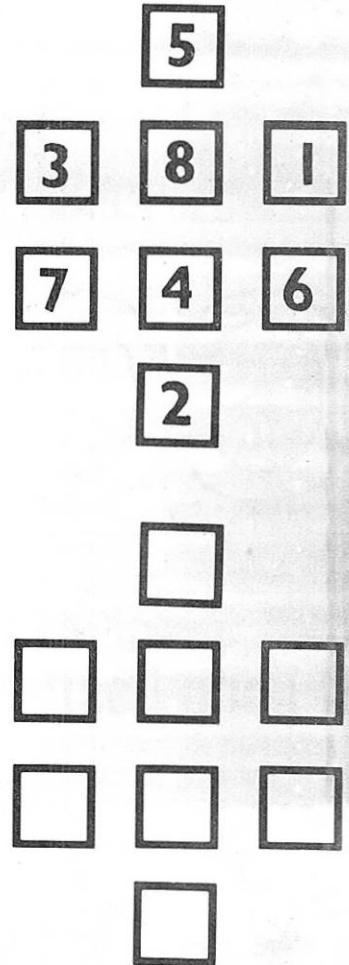
© © ©



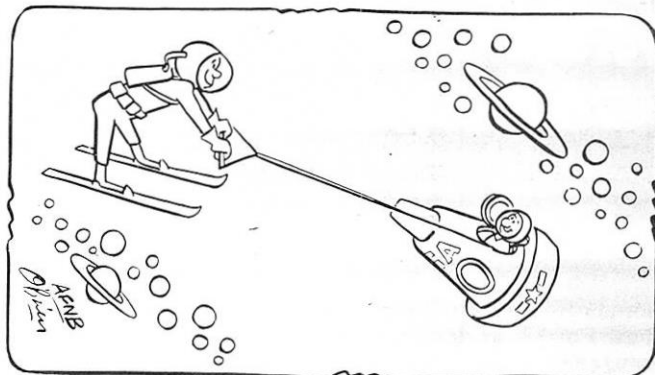
The new puzzle, supplied by the students of Jake Jacobs, is a humdinger. I don't have the answer, but if you do, please give me a call (x43497).

Here goes: Arrange the numbers one through eight in the diagram below so that no two sequential numbers (like one and two) directly touch each other either diagonally, horizontally, or vertically.

Example: this response is incorrect because seven and eight align diagonally.



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Various civilian honors were presented to: Front row, left to right, Jack Barts, Bonnie Benning, and Sue Kersey. Back row, left to right: Bill McCray, Bev Eppolito, Jake Jacobs, Bob Ainsley, Judy Smith, and Al Marvel. At far right, AF TSgt John Sarles received letters of congratulation based on his work on the MAC NCO Academy (East).



Above, left to right, civilian awards were presented to: Front row, Sherry Bowers, Dick Christ, Tom O'Brien and Jim Harnden. Back row, Howard Shaw, Bill Revell, Ron Perkins, John Houchins and Dan Risher. At far right, CW2 Norm Price was one of our superheroes who maxed the PT test with 300 points. Lower left, Major Bill Farr, coordinator for the CFC, is commended. Right, Major Cobb received recognition for his work on the AFAF Campaign. (Winners not pictured were listed in the last issue of the Contour.)



What's Going On In Survey?

TAP Receives Boost From DMS

Where do we go from here?

Many Army topographers are asking just that question about their role in providing meaningful MC&G products and services to tactical Army elements in the field. As the proponent for the U.S. Army topography, Major General Max Noah, USAES Commandant, has tasked the Directorate of Engineer Combat Developments to prepare a "Topographic Action Plan" (TAP) with the purpose of outlining a concept for providing topographic support to the Army between now and the year 2000.

This is indeed a monumental undertaking and deals not only with identification of and seeking solutions to operational, doctrinal, organizational, and material deficiencies topographers encounter today—but also with a forecast of what they can expect twenty years from today.

Topographic units throughout the U.S. Army, DMA, and selected users of MC&G products and services were recently solicited by the Combat Developer for their appraisal of the state of Army topography. The wealth of professional experience in functional areas reflected by their comments is proving invaluable in the formulation of the TAP.

The Defense Mapping School, of course, is very much involved in this effort and is contributing assistance through the collective actions of an MC&G Doctrine Committee, formed and chaired by LTC Dave Maune of TDE. Each of the five topographic functional areas (terrain analysis, cartography, reproduction, distribution, and survey), is represented by a committee member, usually a warrant officer.

One of the many initiatives being used to collect information is a Mission Area Analysis (MAA) questionnaire. This document is being sent to each of the Army's service schools. As proponents for their branch of the Army, their responses will quantify the reliance, nature and importance they place on topographic support on the battlefield.

The deficiencies in the Army topographic system which surface by the TAP will be presented, together with potential remedies, to the Vice Chief of Staff of the Army during the Mobility-Counter Mobility-Survivability In-Process Review scheduled in the spring of 1982.

In summary, it is hoped that the obvious pun will prove to be a reality—the TAP will allow Army topographers to map their future and answer the question: "Where do we go from here?"

A continuing update of this important action will be provided in subsequent articles.

DMA Commemorates Afro-American History Month with Special Events

"Blueprint For Survival" Slated as Theme for February

by Ingrid C. Nicholas (HTC)

DMA will celebrate Afro-American History Month in February. The theme of the month is "Blueprint For Survival." Individual programs include: 16 February, "Black Survival Through the Media and Arts", with Duey Hughes (WOL radio) and Maureen Bunyan (Channel 9 TV), held in the Erskine Hall Cafeteria; 17 February, "Black Survival Through Education and Sports" with special guest Wes Unsel of the Washington Bullets, held in the Ruth Building Cafeteria; and "Black Survival Through Participation in the Military", held on 18 February and featuring Admiral Samuel Gravely speaking in the Erskine Hall Cafeteria.

There will be a diorama by George Adams entitled "Buffalo Soldiers: Seminole Negro Scouts" on exhibit

in Erskine Hall. This excellent display showcases the relationship between the Seminole Indians of Florida and their black vassals and eventual allies in economics, daily life, and in fighting for their homeland.

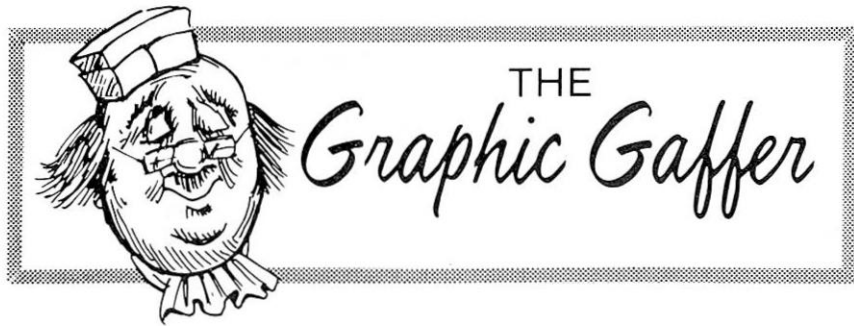
The exhibit also deals with the

Seminoles' relations with the mestizos or Seminole negroes, and their mutual fight with the white man and the Seminole Wars, which lasted until 1835 and were brought on, in part, by the capture of Seminole Chief Osceola's wife and son by slavecatchers. At the end of this war, the Seminoles and their black allies were forced to leave their Florida homeland and traverse the infamous "trail of tears" to Oklahoma.

There will be special menus served in both the Erskine Hall and Ruth Building Cafeterias the second and fourth week of February to commemorate Afro-American History Month. There will also be light-box displays in Erskine Hall and the Ruth Building. (Look for an AMS memo with information on attending the events.)



Vice Admiral S. L. Gravely Jr.



“Sarge, this job just came down from the folks at Intel. They captured this five-color enemy map sheet and they want 150 copies of it by this afternoon.”

“So, what’s the problem, Joe?”

“They want it in color, Sarge!”

Did you know that if a field unit receives a requirement to reproduce a multicolor map from an existing multicolor map sheet and no reproducible or color separations are available, the topo printers must separate the colors of the sheet using a process involving five gallons of opaque and 1,000 sheets of masking paper? (Well, maybe not *that* much opaque!)

The process used is very time-consuming. It requires a considerable amount of masking and opaquing of semi-color separated film negatives (which are just regular line negatives with one or two colors dropped).

Most units lack the equipment to perform conventional color separation. Also, the two frequently

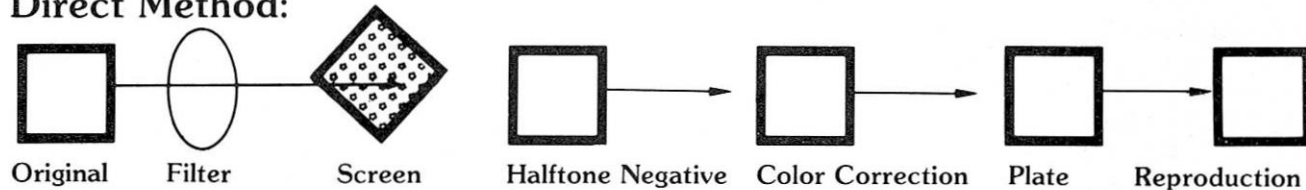
and black) to reproduce the final product—just like *National Geographic* or *Playboy* magazines.

The old “mask and opaque” method frequently performed by field units requires film separations for each color of the original. Because maps usually contain both primary and secondary colors (and always black), each first generation negative usually consists of two or more colors. The real work begins when all of the unnecessary detail is opaqued and masked from each negative. After proofing, correcting, and reproofing, a final set of reproducible is made from the masked negatives, plates are produced, and the printing is finally accomplished.

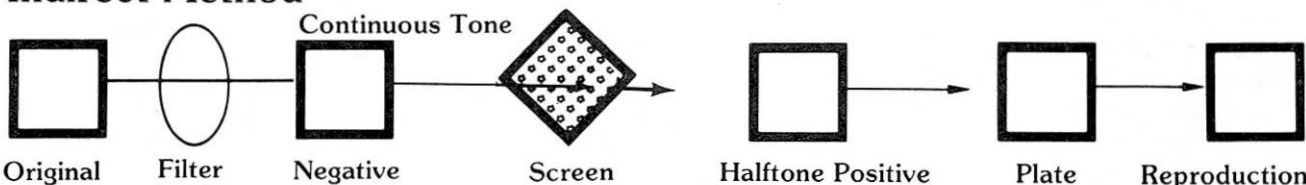
buildings or bridges might appear in two, or even three, colors. Sometimes details are masked out completely and never get reproduced. If the original map is not of U.S. origin, the printing colors used to reproduce the copies usually will not match the original.

A few times, field units attempt either the direct or indirect methods of color separation. Usually, due to limited experience and a high degree of skill required, the results are less than desirable. In those instances when photographic color separation is successful, much time and materials are expended to obtain useable negatives (indirect method) or color-corrected negatives (direct method).

Direct Method:



Indirect Method



used color separation methods—direct and indirect—require a high level of expertise and much production control. Both the direct and indirect methods require the use of filters and halftone screens to separate the original into four negatives. The negatives are used in conjunction with the four process ink colors (yellow, magenta, cyan,

Even with such shortcuts as using a positive mask to hold out the culture, this process could easily take three to five days to complete, depending on the size and detail of the original and the expertise of the personnel involved. Unfortunately, the end product usually contains noticeable flaws. Because of opaquing areas, features such as

An easier method, which apparently has not yet been attempted by field units, is referred to as the *Simplified Photographic Color Separation Method*. First introduced by Robert J. Kunst, this method was used by colleagues in California to teach the color

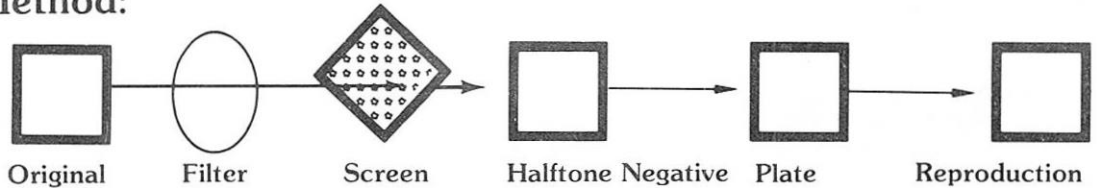
see page 6

Color separations are produced as follows:

| Use: Filter Number | And Screen* | To Dot % (.00-.70-1.60) | To Print In |
|--------------------|-------------|-------------------------|-------------|
| 25 or 29 red | 45° | 98-50-14 | Cyan |
| 58 green | 105° | 99-63-23 | Magenta |
| 47 or 47B blue | 75° | 99-63-23 | Yellow |

* A circular glass screen may be used if available.

Simplified Method:



separation process because of—you guessed it—its simplicity. A similar method was also introduced in the United Kingdom in the mid-70s. This method relies on the process camera operator's ability to produce good halftone negatives, a skill which the operator normally obtains during initial school training and refines through application in field assignments.

This technique requires the use of red, green, and blue filters, high contrast panchromatic film, three basic gray screens at 45, 75, and 105-degree angles, and process color inks (cyan, magenta, and yellow). A camera, film processor, plate exposure cabinet (frequently referred to as a "flip top"), and an offset press can be helpful. (Just a little joke.)

The cyan printer is produced using a No. 25 or No. 29 red filter and a 45° degree angle gray screen. The halftone is exposed and processed to contain a dot distribution of 98% in the .00 step, 50% in the .70 step, and 14% in the 1.60 step, using a standard calibrated gray scale with a .00 to 1.80 range. The magenta printer is produced with the No. 58 green filter and a 105° degree angle screen, exposing and processing the negative to obtain a dot distribution of 99% in the .00 step, 63% in the .70 step, and 23% in the 1.60 step. The yellow printer is produced with the

No. 47 or 47B blue filter and 75° angle screen. The dot pattern should be the same for the magenta printer.

A color-key proof should be produced to inspect the color blend. If the proof looks good, flat the three negatives, registering them as you would any other project. Solid bar and slur patches can be stripped in on the tail of each flat to aid the press operator in maintaining an acceptable color balance. There are no special requirements for platemaking other than insuring good contact between the plate and negative during exposure—platemakers always do that anyway! Standard cyan, magenta, and yellow inks are commercially available and the only requirement is to insure that the inks are "process color inks".

This procedure is not recommended as a replacement for conventional map reproduction but has supplemental value. Any time a map must be reproduced and no reproducibles are readily available, this procedure will deliver a useable reproduction in a short time frame—one which fits within the current need for "quick and dirty printing".

Another advantage of this procedure is that it can be used without the introduction of any new or expensive equipment; all of the necessary hardware is already in the field units. Although it may sound

difficult, this process is very simple. The procedure was tested using a "calibrated eye" to check the dot distribution and the end results were surprising. Although the reproduced colors did not perfectly match the original, the colors were distinguishable and the details legible.

Try it and surprise yourself. They don't call it simplified without good reason. Let us know if there's anything with which we may help you.



"I'll have to see your ID card, leave orders, and a note from your mommy."



MYSTERY PERSON

For awhile there, I thought we'd stumped you—and shame on "youse" because this fellow has been the MP more times than Carter has little pills (or the President has jellybeans).

But then the Chief Instructor walked up to my desk and inquired: "Is that Jack Batt?," so I had to retype my scolding.

Actually, as we mentioned in the last MP, there's more than one mystery associated with Jack. (Okay, I hear those titters emanating from CPT Tuttle's office.) He's been in the *Contour* MP slot three times now—and he was, but *wasn't* one other time.

The first time he appeared was in June 1977, when he was ordered to stand on a scale and have his picture snapped. The second time was in January of 1978, when he actually volunteered.

The real mystery came later, in July of that year. A Santa Claus appeared in that issue, marching toward a Christmas tree. The clues

included one about "Folks, wagons" and some others that pointed to Jack Batt as the secret Santa.

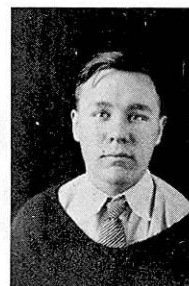
When Jack received that issue of the paper, he busily set about figuring out who the Mystery Person was. It wasn't Jack. After he convinced the Editor that it truly wasn't him dressed in the white and red, a retraction was printed. (The mystery remains. Who was that bearded fellow? Did Santa truly visit DMS in July? Did DMS supply the map that got him here so late—early?)

Anyway, if you could read the poem below Jack's head, you would have found the word "boot" was the last word of the third line. "Experience in graphics" added to this clue should have lead you to a GAD military instructor (which Jack was in years past).

"Bug or two" referred, of course, to the Battmania for bugmobiles. "Two DMS Departments to call home" should have reminded you that Jack is now assigned to TSD. Finally, "coin a phrase" was a more

subtle one, referring to Jack's hobby of coin-collecting.

© © ©



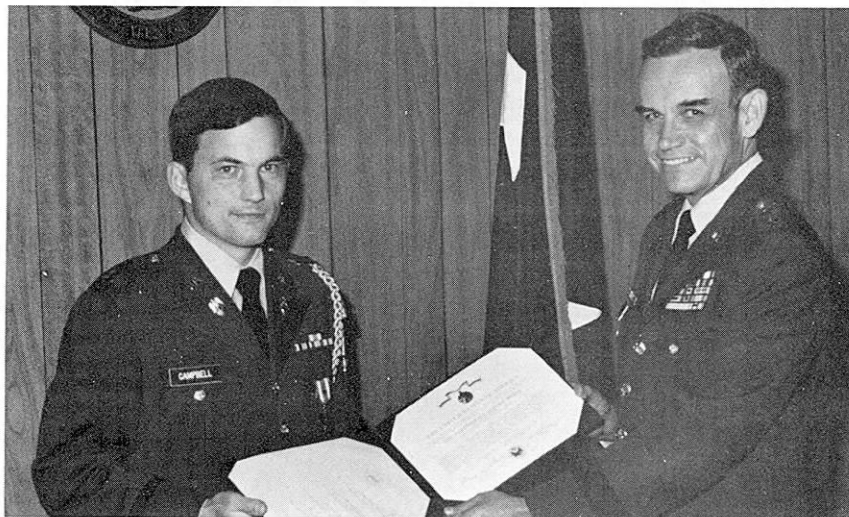
"One of the few pictures we have of him where he has hair" was how the crafty volunteer of this photo put it when she sent it to me.

Given the subject of the pic, the photolithographers ought to be able to make a pretty good halftone from it. Yes, he does have hair, and this time it isn't covered with a Panama hat. Yep, this fellow is a veteran of two DMA Components, and spent some time wallowing in the Spanish-speaking climes before he paraded back to DMS.

If you want to know more about his personal life, there's another instructor in the School who can provide all the interesting details. (P.S. The MP drinks Columbian coffee from that old Army mug.)

Get the picture? Give me a call at x43497.

Captain Campbell Receives MSM



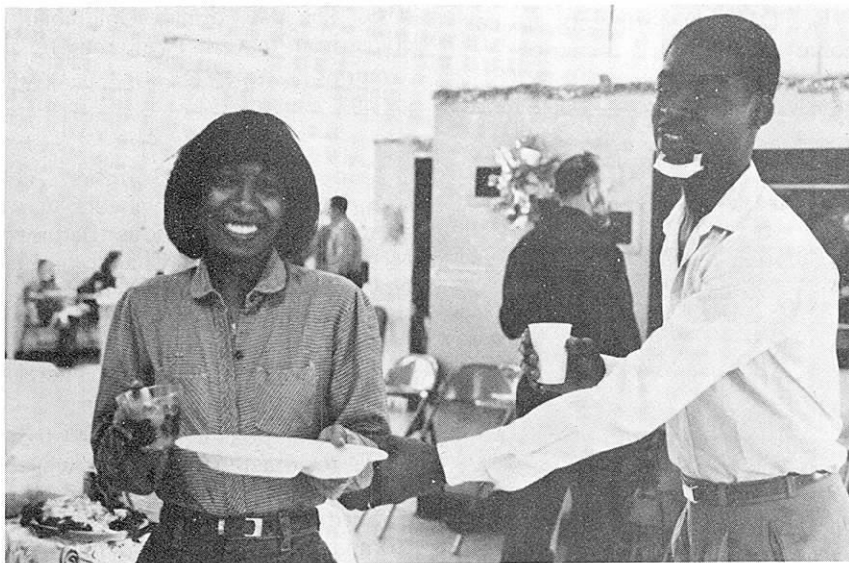
Army Captain Douglas A. Campbell, Corps of Engineers, was awarded the Meritorious Service Medal, First Oak Leaf Cluster, on 10 November 1981, in a ceremony at the Headquarters of DMA. He is presently aide-de-camp to the DMA director, Army Major General Richard M. Wells.

CPT Campbell was awarded the medal for outstanding service while assigned as commander, Headquarters and Headquarters Company, and subsequently as commander, 548th Engineer Company (Cartographic), 30th Engineer Battalion, Fort Belvoir, Virginia, from March 1980 to August 1981. He was cited for his leadership ability and uncompromising high standards.



Left, LTC Paul Valvo asks: "Yes, but did he get wind of all our unpublished suggestions?" Right, Master Instructor Certificates were given to: Front row, left to right, SFC Dave Schiefelbein, SP5 Kathy Gerhart. Back row, WO1 Bill Benning, SSG John Mroz, LCDR Mike Hacunda, GySgt Tommie Shuler, and SSG Ed Williams, Jr.

There's No Party Like A DMS Party!



"Hand it over," says hubby Eure to Debbie.

Feeling punchy in TSD?



*Never An Old Year
Passes
Never A New Year
Begins...*



*That We Don't Recall
The Spirit
Of Bright Days
Good Times
Best Friends...*



How Will You Score In March (On the CTSQT)?

From the Army TRAINER,
Winter 81-82 issue.

Thought you might miss the fun of taking an SQT? Most of us are familiar with the skill qualification test for our individual Military Occupational Specialty (MOS). But how many of you know about the CTSQT (common task skill qualification test)? During the coming months you may be hearing more about it. You will probably have questions about the CTSQT. What is it? Who will take it? How will the scores be used? And where does it fit into Army training and personnel management?

Any score from the CTSQT will not be used in promotion decisions.



What is CTSQT?

The CTSQT is a skill qualification test of some of the critical tasks every soldier should be able to do. The word common is used because the tasks in the CTSQT are common to every soldier in the United States Army, regardless of MOS. The tasks selected also represent some of the most critical tasks a soldier must be able to do to win and survive on the battlefield regardless of the job done every day. The tasks are so important that some are also placed in all soldiers' MOS-specific SQT.

Like most SQTs, the CTSQT comes in three parts: skill component (SC), hands-on component (HOC) and job site component (JSC) and will contain 16 tasks. These tasks were written by seven different U.S. Army service schools responsible for training and testing in such critical areas as communications, map reading, basic weapons, survival techniques, NBC protection, first aid and physical fitness. The CTSQT is being produced by the U.S. Army Training Support Center (ATSC) at Fort Eustis, Virginia.

Who takes CTSQT?



Generally, the CTSQT will be given to all soldiers, Skill Level 4 and below, who will not have an MOS-specific test scheduled for administration between 1 September 1981 and 30 November 1982. The CTSQT does not replace your MOS-specific SQT. If you took an MOS-specific SQT last year you will probably take one again this year. But if an SQT has not been developed for your MOS, you will take the CTSQT. If you have been outside your primary MOS for 90 days and a technical SQT has been developed for your MOS, you will probably take your technical SQT for training only. This means that your score will not be used in promotion decisions. Likewise, any score from the CTSQT will not be used in promotion decisions. Nevertheless, the score you get in your technical SQT or CTSQT provides valuable information in training needs. This is the reason emphasis is being placed on testing all soldiers.

How can I prepare?



For the first test period only, the CTSQT will be based solely on the tasks found in FM 21-2, Soldier's Manual of Common Tasks (SMCT)-Skill Level 1, dated May 1981. Subsequent CTSQT will test tasks found in both FM 21-2 and FM 21-3-Skill Levels 2, 3 and 4. You should have a copy of the SQT notice and job site component. The notice will direct you to the specific areas in the SMCT you should study. If you are not sure you can perform the task, then get the help of your supervisor or check the references provided at the end of each task summary in the SMCT. You are responsible for

If you took an MOS-specific SQT last year, you will probably take one again this year.

being able to perform the task. Performing the tasks in the CTSQT may save your life, no matter what your MOS or duty station.

Where do I test?



The CTSQT will be administered for the first time between 1 December 1981 and 31 August 1982. A new CTSQT will be developed every year and administered from December to August. Local training standard officers at your unit or at installation level will publicize and coordinate with units as to which MOSs are to take the CTSQT. The training managers of the unit and first-line supervisors should also be made aware of the tasks being tested so that training can be conducted in these areas to insure that each individual of his or her section/unit is prepared to take the CTSQT.

Remember



The test standards officer at your installation will notify you if you are taking the CTSQT. If you are notified, be sure you receive the Common Task SQT Notice before testing. You will need the notice to prepare for the CTSQT.

MSG Jake Bernard, SD, is compiling a list of technical tapes recommended for study for the CTSQT, which is scheduled for March. If you need to brush up before the big day, see your Departmental Chief Instructor for the tape subject listing and viewing locations. Good luck!

CONTOUR

Volume 9, Number 3

Defense Mapping School

5 February 1982

Post Events For Black History Month

Have You Got Your IRA Up??

In these budget-crunching, salary-cussing, and interest-ing times, there may be no better investment than that which you make in your own future. On 20 January members of DMS were enlightened on one plan for the future, the much-touted Individual Retirement Account. Mr. Larry Buel, from the Defense Mapping Federal Credit Union, visited the School and gave a short briefing on IRAs.

Although IRAs vary according to financial institutions' guidelines, some rules remain constant. Basically, the account is set up so that an employed individual may contribute up to \$2,000 dollars per year (an employed couple may each have one account of \$2,000 maximum deposit per year). If you have a non-working spouse, the amount rises to \$2,250 per year (but must be split in two separate accounts in denominations of \$2,000 or less).

The amount contributed to IRAs is tax-deferred until drawn out (which you may do beginning at age 59 and one-half, and must do at age 70 and one-half.)

You are encouraged to shop around and find the plan or investment that best suits your

IRA, cont. on page 3

This is a partial list of activities hosted by the USAEC&FB for Black History Month.

11 Feb.—Ethnic Meal
CON 3
1630 hrs.
POC—SFC Pace/44115

11 Feb.—African Folk
Dancers
SOSA Recreation Center
1900 hrs.
POC—Mrs. Colden/41847

15 Feb.—One Act Play.
Wood Theatre.
POC—2LT Lockman/42027.

15-17 Feb.—Black Art Exhibit
Wood Theatre.
POC—2LT Lockman/42027.

18 Feb.—Ellentown School of
Music Choir.
SOSA Recreation Center.
1900 hrs.
POC—Mrs. Colden/41847.

18 Feb.—CG Opening
Ceremonies.
Humphrey Hall, 1300 hrs.
POC—SFC McKeever/42288.

21 Feb.—Inspirational Services.
Fort Belvoir Chapel.
1900 hrs.
Jubilee Majestic Choir.
Roanoke Community Choir.
POC—SFC McKeever/42288.

23 Feb.—Howard University
Jazz Ensemble.
SOSA Recreation Center.
1900 hrs.
POC—Mrs. Colden/41847.

26 Feb.—Fashion Show.
Main NCO Club.
1800 hrs.
POC—SSG Williams/43528.

26 Feb.—Unit Tour.
Historical Site.
POC—1LT Lindblom/44698.

24 Feb.—SGT Minor
Presbyterian Choir.
SOSA Recreation Center.
1900 hrs.
POC—Mrs. Colden/41847.

28 Feb.—Gospel Extravaganza.
Fort Belvoir Chapel.
1900 hrs.
(Closing remarks by
Colonel Cooksey.)
POC—SFC McKeever/42288.

Getting To Work In the Snow—A Guide For DMS

This guide assumes, for brevity's sake, that you've already mastered your driveway.

Once you get rolling, don't stop for small animals, schoolchildren, or adults who are silly enough to be walking in the road just because some zealous snowplower has rendered the sidewalks impassable. If you stop, you may never get started again and you'll lose precious time on your commuter clock.

If the car ahead of you stops for an animal or person (there are no morals in effect during storms), or, if the motorist stops for that most ridiculous reason of all, a red light or stop sign, toot your horn vigorously and administer appropriate hand signals. After you pass the driver, see if you can't manage to sling some oily snow upon the culprit's windshield to hammer your indignation home.

You *must* stop, however, at all convenience stores, fast-food breakfast places, and doughnut shoppes. Stock up on coffee, hot chocolate, breakfast foods, and calorie-laden treats. You deserve those thousands of extra calories because the cold burns up fat faster. Also, it's entertaining to play "Bump-N-Grind" with all the other hungry diehards in the teeny parking lots of such establishments.



Keep those tires rolling, folks!

Once you get to Fort Belvoir—or if you live on Post—the real fun begins. If the roads are treacherous—don't worry about finding out the hard way. There will be yellow warning signs at each gate telling you the awful truth...also abandoned cars, frozen bodies littered in snowpiles, and guards who won't come out of their little houses to wave you on.

If you're still with me and you've made it to the DMS parking lot, see if you can avoid those frosted flakes and park in the Director's or Deputy Director's place. (Their spots aren't any cleaner than the rest, but you will have only a short distance to walk to a warm building.) If you can't get the D or DD to agree, the next best place to park is the Wheeler basement, assuming, of course, that you have a subcompact.

The Supply warehouse area is another prime possibility. Mr. Nonnemacher may rant and rave for a time, but if you're clever, you have your muffs on and can feign deafness.

Once you make it inside the (closest) building—relax. Have a cup of coffee. Commiserate. Everyone

will be so happy they made it to work, they won't even think about work.

See if you can win at "How Long It Took To Get Here Because Those Jokers Don't Know How To Drive In Snow." Another variation is "It took me --- minutes to get out of the driveway." Lie. Never mind that you are probably complaining about the same people to whom you are talking. Quote license plate numbers to see the reactions on their faces. (If you live close to DMS, and used feet to get in, you can incite supreme guilt using this method. The offender may even take you out to lunch to relieve his or her conscience.)

WARNING: If, by some miracle, the powers that be decide that conditions are too bad to continue to permit you to work—don't fall for it! Refuse to go home early. This is the oldest trick in the book. By allowing all employees of the Post to go home at the same time, the powers are actually simulating wartime conditions to give all the young soldiers a taste of field experience.

Stay where you are, warm and cozy at DMS. Or, plead with a friend or coworker who lives nearby until they take pity on you and invite you home for a hot toddy.

What else are friends (and fellow commuters) for? ©

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COL William T. Stockhausen
Editor:
Linda Stacy

DAC Original Receives DMSM

We've lost one of our original Dial-A-Captains in TSD to the U.S. Army Engineers. Major Earl Prechtel, who rose from the ranks of DAC soon after his arrival in January of 1979, served with us as an instructor, course manager, and chief of M/CD during his tenure (sometimes all three at once). He was also a pinch-hit photographer at many DMS functions.

In addition to the TSD present outlined in the photos, Earl received the Defense Meritorious Service Medal, and was cited for "his leadership, foresight and managerial ability which developed in his personnel a degree of instructional expertise and level of devotion to duty unequalled in the military mapping community." Earl's "outstanding technical qualifications, dedicated efforts, and sincere concern for each student were key factors in establishing and maintaining the high technical proficiency and professionalism in graduates of the Defense Mapping School." ©

In a finely-honed plot to get the Major to break his usual demeanor of calm and his capable attitude in times of crisis, SSG Jack Batt and unnamed associates of CPT Tuttle recently staged the goodbye you see below.

1) Jack announces that the members of the department have all chipped in to buy an exclusive present for the Major. Problem: Jack must be extremely careful as he transports precious present to stage, as it is marked "Handle With Caution: Breakable" on four sides. Jack stumbles and falls flat on his face. Photographer snaps picture. (Picture comes back with the same pleasant look on Earl's face that one always sees.) 2) Earl offers a gentlemanly hand to Stumblefoot Batt. 3) Undaunted, Earl opens up the broken present, unearths an assortment of carefully packaged glass—and a genuine TSD present. Didn't we see this on the "Three Stooges" last Sunday morning?



An Early-
Photo
Essay...

IRA, cont. from page 1

needs. Things to consider if you decide to start an IRA include:

What fee, if any, is charged for the account.

What the interest rate is and how it is figured.

How much you will have in your account when you are ready to retire.

At the Defense Mapping Federal Credit Union, there are two plans available:

The Deposit IRA Plan: This plan is a statement savings account requiring a minimum initial deposit of

\$100.00. Dividends will be declared and paid quarterly. The first quarter dividend, as an incentive, is declared at 12% APR plus a 6% APR bonus for the first quarter (18% APR). The dividend will be paid from the day of deposit.

The Payroll Savings IRA Plan: This plan is a statement savings account requiring payroll deduction deposits. The minimum qualifying deposit per pay period shall total to at least \$500.00 annually. The rate of dividend declared for the Payroll Savings IRA is 12.5% APR plus a 6%

APR bonus for the first quarter of 1982 (18.5% APR). Therefore, 18.5% APR shall be applied to all accounts qualifying as Payroll Saving IRAs at the DMFCU.

There are several rules you should be aware of before you open an IRA, including IRS penalties for early withdrawal, the rate at which the money must be withdrawn at retirement age, and possible future changes in IRAs. The Editor has a copy of the guidelines if you're interested, and Mr. Buel has promised to make more available to DMS. ©



MYSTERY PERSON

Many of the responses to the last week's MP were prefaced by the remark: "I just covered up the hair and there he was!"

Among the advance receivers of the paper, correct answers came from LICM Portt, CDR Slayman, and SFC Nazworth.

The first from Wheeler to pin the hair on the lithographer was that master of MPs, Sherry Bowers. Mrs. Judy Smith was the first from Bagley after the papers were officially distributed.

Aside from the egghead clue, I gave a pretty broad one that linked you all to Graphic Arts: "Given the subject of the pic, the photographers ought to be able to make a pretty good halftone." Panama hat", "two components" and "Spanish-speaking climates" should have sent you all scurrying to

IAGS (and in this weather, who could blame you if you scurried there).

"Another instructor in the School" referred, of course, to SD's Gina Lynch who supplied the pic unbeknownst to her father. "Old Army mug", the final clue, referred to Davey's stint with the Service.

© © ©

In baby blue
he was swaddled,
and they marked him "baby one",
to keep him separate from his
brother,
who was born the second son.

P.S. The curls were replaced with a mop a few years back, but the floor is really shiny now.

CRISIS! ALERT! NO JOY IN MUDVILLE!

I'm low on submissions. ©



**A masterful smile, a mass of curls,
Better look twice, I ain't a goil.**

Get Out The B. Balls! Cruz is Back!

Alright, IAGS, we've captured one of your hometown natives, and we're going to keep bringing him back to DMS until he does it right. Yes, it's the long-awaited return of SFC(P), Ricardo Cruz, bowler and printer extraordinaire, who's coming back to us after a year-long tour at HQ LSE, Turkey—and other places.

Rick is a DMS original, having graduated from the "Jake Jacob's Course of Lithographic Plate Making." He spent a year with the 30th after graduation and then went to the 40th in Korea before coming back as an instructor in D/TOPO



(69-71). He was also at DMS from 1972-1976 before answering the call to "Atten-shun!" and spending three years as a drill sergeant at Fort Leonard Wood.

Rick is a military "switch hitter". He was sworn into Naval Reserve duty in 1961 (on St. Paddy's Day, no less) and then spent some watery

years aboard the USS Observation Island before deciding the good earth was more to his liking. (Rick's last Army re-up was performed by LtCol Westphal, a former DMS Deputy Director.)

SFC(P) Cruz met his wife, Doris, while serving at D/TOPO. They've been married for eleven years and are the proud parents of a four-legged "doggy/kid" (a Scottish terrier). The Cruzes both like to bowl, as historical editions of the *Contour* prove. Rick also likes to read, primarily history and astronomy-related subjects. He also does crossword puzzles occasionally and enjoys country-western and contemporary FM music.

While he was in the Navy, Rick was a cook, which leads to this observation on mess halls: "The food tastes better when you have to pay for it." ©

Combs Parts With DMS— DMS Parts With Combs

It was time once again to say farewell and congratulations in the same breath as Marine Gunnery Sergeant Leon Combs, Jr., a five-year veteran of TSD and SD departed for Okinawa. GySgt Combs received the Defense

Meritorious Service Medal (for putting up with us for over half a decade?). He was cited, in part, for his "consistent and selfless devotion to course improvement which was instrumental in the maintenance of the highest standards of instruction within his departments. His efforts in the redesign of the Marine Course Annex, consolidation of construction survey instruction and development of a new hydrographic course resulted in a more efficient use of assets and contributed significantly to the accomplishment of this Agency's teaching mission."

GySgt Combs may be best remembered, however, for his work on the joint DMS, Marine and Department of Labor's Apprentice-

ship agreement, which was signed on 23 March 1979. Under the agreement, Marines with the surveyor/engineer or lithographer MOS can register to document their skills and have them recognized by civilian trade and craft organizations.

GySgt Combs, who first learned of the benefits of this Marine program from the Army's apprenticeship plan, nursed the DMS program through, playing a fundamental role from the preparatory steps to the final agreement.

The program is still in effect and is innovative product of one man's enthusiasm and dedication to bettering civilian and military skills for students who pass through our doors. ©



Class Notes Class Notes Class Notes Class Notes

Roses are red,
Violets are blue,
Give sweets to your sweet,
And a diet plan, too.

Remember 14 February is Valentine's Day, so get all your fighting over with before then. With the current interest in weight control, you may want to say it (and have it said) with flowers.

The Big Red Gets A Medal

Word has filtered down that the always chipper and oft irreverent Air Force Master Sergeant Richard "Red" Connors has received the JSCM for his achievements here at DMS.

Red, who was snatched away by the Pentagon a few months back, was a Senior Instructor in GAD's Offset Printing Division. He served with us from 13 June 1979 until last

August. The citation reads, in part: "MSgt Connors managed the Navy/Air Force Basic Lithographer Course and significantly enhanced its operation by writing eight lesson plans and insuring the completion of seven other lesson plans as well as the Course Content Document. His reduction of student attrition from eighteen to nine percent in the Offset Printing Course night shift was an important contribution to this Agency's training mission and a tribute to his exceptional managerial, instructional, and leadership abilities."

Congratulations from all your friends at the four-sided building. ©

Well you can drink light, dark, ale, or lager. You can drink fliptop, twist-off or keg, and now you can drink—green! The Civilian Welfare Fund is sponsoring a Belvoir Saint Paddy's Day dance for all who are into kissing the blarney—and they'll be selling green suds. The dance will also feature a live country/country-rock band called Nationwide. It promises to be a greenlight occasion for all. Mr. Josey, the DMS representative to the CWF has all the details if you'd like a "jigger" of fun.

©

The United States Supreme Court

has ruled that state courts may not treat military retired pay as community property in divorce settlements (the ruling does not affect the current statutes on the use of such pay for alimony or child support).

©

Congratulations to two civilians who were recognized for their quality and ambition and promoted within the School. Mr. Tom O'Brien is the new Training Specialist in our midst and Mrs. Judy Smith has bagged the job of Budget Officer in PBO.

Class Notes, page 6

Class Notes

cont. from page 5

(Can you fit eleven stripes on a shoulder emblem?)

©

On 22 January, MSG Jack Del Barto celebrated over three decades (but that's as specific as the paper will get in reporting birthdays) of the good life. We d-rummed up quite a celebration, thanks to Helga Yovorsky, who makes the best chocolate chip cookies we've ever tasted.

©

A belated welcome back to Al Yovorsky, and welcome hand to Ed Franke. We also wish Sonny Hayes a speedy recovery.

©

Andy Yacenda was the author of the Graphic Gaffer in the last issue. (In fact, he's always the author!)

©

"That puzzle was a snap!" said Carla Davis.

"It was duck soup," commented SGT(P) Cummings.

"How do you do this?" moaned your Editor.

I don't think you all realize how seriously I depend on you for the answers to these puzzles. They drive me bonkers. It was CD first from Bagley, and SGT C and assorted others from SD who relieved my bewilderment, confusion and pending insanity this time. Thanks!

MSgt Bruce Porter advises that there are 40,320 permutations on this one, but I personally only went through 40, 319 before I hit the nail on the head. I am told that the key to the whole mess is to place the one and eight in the middle and take it from there. A possible answer appears above, right.

I have a goodie from SFC Cruz waiting in the wings, but here's a unique wordy one to get those creative juices flowing. It was submitted by Ron Perkins and his wife Bev. (Some of you may have seen it already in the classrooms.)

2

5

8

6

3

1

4

7

This test does not measure your intelligence, your fluency with words and certainly not your mathematical ability. It will, however, give you some gauge of your mental flexibility and creativity. In the three years since the test was developed, few people were able to solve more than half of the 24 questions on the very first try. Many, however, reported getting the answers long after the test had been set aside—particularly at unexpected moments when their minds were relaxed. Some reported solving all of the questions over a period of several days. Take this as a personal challenge.

©

INSTRUCTIONS: Each equation below contains the initials of words that will make it correct. The first has been "solved" as an example.

A. 26=L of the A

Letters of the Alphabet

B. 7=W of the A W

C. 1,001=A N

D. 12=S of the Z

E. 54=C In D (with the J)

F. 9=P In the S S

G. 88=P K

H. 32=D F at which W F

I. 13=S on the A F

J. 18=H on G C

K. 90=D In a R A

L. 200=D for P G In M

M. 8=S on a S S

N. 3=B M (S H T R)

O. 4=Q In a G

P. 24=H In a D

Q. 1=W on a U

R. 5=D In a Z C

S. 57=H V

T. 11=P on a F T

U. 1,000=W that a P Is W

V. 29=D In F In a L Y

W. 64=S on a C

X. 40=D and N of the G F

It's...squeals of delight...vivacious support...morale booster! It's...the loss of all of these things....it's the departure of Kathy...and we are plunged into...

The Chasms of Despair

by Sue Kersey

DCAG has lost lots of folks to PCS, but it's been quite awhile since we've lost one to ETS. (Was it something we said?) Somehow we'll just have to adjust to the moving on of our dear C.O.S.T.* It'll be tough, too. Specialist Five Kathleen Gerhart has been a super instructor, good friend, and delightful joke-teller.

What A Hero!

During her tenure of instructorship, Kathy has guided many a young soldier toward cartographic stardom. Her squeals of delight offer wonder and encouragement to awestruck students. They are all ready to venture out and conquer the world with the knowledge and skills provided them under Kathy's magnificent instruction. What a hero!

Kathy has achieved outstanding success here at DMS. She was a nominee for Outstanding NCO of the Year (1856?), commended for some suggestions (asked to leave for others), was a PHOTOC honor graduate, and had the highest points in her age group (23) on a PT Test. Add to this list the fact that she's also been awarded the Senior Instructor Certificate. Golly, what a gal!

What A Star!

Maybe we should make a movie, but somebody already used the title "One Flew Over the Cuckoo's Nest."

She'll just have to be happy with her original production of "See Kathy Scribe." What a star!

Another of Kathy's attributes that we'll certainly have to mention is her vivacious support of DMS intramurals. She's been every-

What A Sport!

thing—cheerleader, water boy, uniform maintenance clerk, statistical analyst, and, best of all, an A1 morale booster. She bowls in the DMS league and always manages to remain bright and cheery on Thursday mornings—which is more than I can say for Rudy. What a sport!

What A Rat!

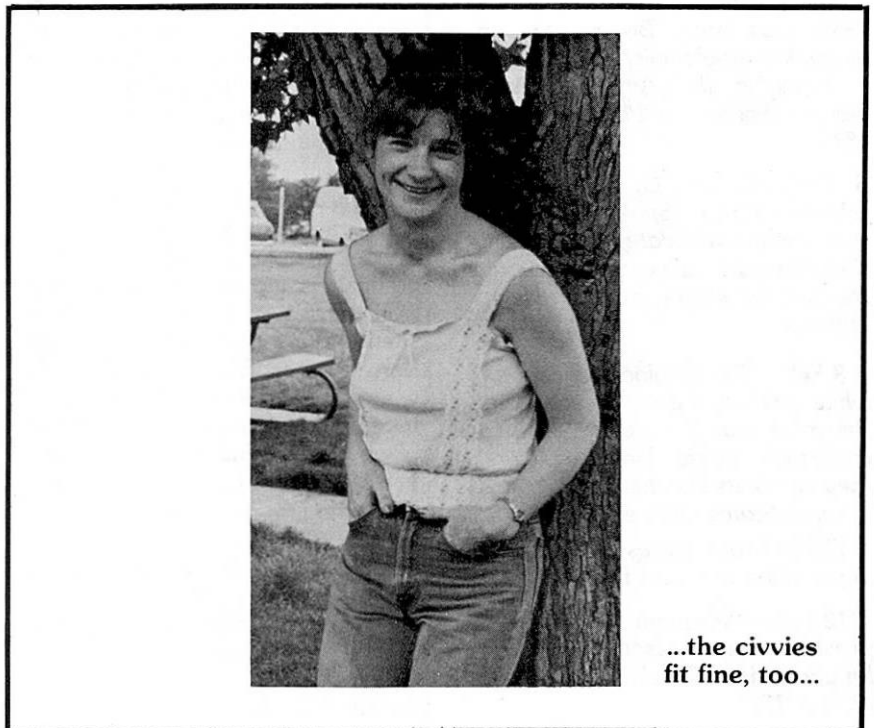
There has been real concern about this pending departure, i.e., rumors concerning the rigors of civilianity and threatened chasms of despair among instructors in Carto. Who is going to be in charge of hall passes? Who is going to check the boss' appointment book? Is she



Before?

going to take her paper desk? What's going to happen to the faded birthday streamers? How can one so important leave us in such a lurch? What a rat!

**No definition was provided for this acronym, but one that springs to mind is: C.ute O.pposite-S.exed T.eacher. Is that close? ©*



...the civvies fit fine, too...

Some February Highlights In Black History

1 Feb.—Charles Lenox Ramond (1810-1878) was born. Ramond was among the first black abolitionists to speak publicly against slavery. In 1840, he represented America as a delegate to the World Anti-Slavery Convention in London.

Four freshmen at North Carolina Agricultural and Technical College staged a sit-in at the lunch counter in Greensboro (1960), thus beginning a new form of non-violent protest.

2 Feb.—George Washington answered a letter from Phillis Wheatley (1753-1784) in 1776, an event of significance since Wheatley was a recently freed black writer. Born in Africa and brought to America as a child, Wheatley became the best known black woman of the period and was second to publish a volume of verse in colonial America.

3 Feb.—Charles Henry Turner was born. He was a noted black biologist and neurologist in an era when black men of letters were just beginning to make a significant contribution to higher learning.

4 Feb.—James G. Birney (1792-1857) was born. Birney was an outspoken abolitionist instrumental in founding the American Anti-Slavery Society in Philadelphia in 1833.

5 Feb.—James G. Birney, the Liberty Party Spokesman and presidential candidate stated in 1840 that the party advocated not only freedom for slaves, but also Negro suffrage.

8 Feb.—The all-black (except for white officers) 54th Massachusetts Regiment was formed in 1863. To distinguish these Union soldiers, they and units like them were called "United States Colored Troops."

Confederate states forbade the importation of slaves in 1861.

12 Feb.—Abraham Lincoln, 16th president and issuer of the Emancipation Proclamation, was born in 1809.



Frederick Douglass

The National Association For the Advancement of Colored People (NAACP) was organized in 1909.

14 Feb.—Frederick Douglass (1817-1895), orator, abolitionist, and writer was born. Douglass was an outstanding black abolitionist who, though a fugitive slave, became one of the best-known orators in the U.S. Few anti-slavery leaders did so much to carry the case of the slave to the people of the United States and Europe in the generation preceding the Civil War.

15 Feb.—Blanche K. Bruce, black senator from Mississippi, presided over the U.S. Senate in 1879. In 1874, Bruce became the only Negro to be elected to a full Senate term until the election of Edward Brooke (R-Mass.) in 1966. The Virginia slave escaped when the Civil War began. In 1869, he went to Mississippi and worked his way up through public office jobs as tax collector, superintendent of schools, and senator. ©

For Sure, Eure In Graphic Arts!

If you're up for a session of some serious kidding, I have just the man for you. It's Marine SSgt Horace L. Eure, who can trade witticisms at twenty paces. (Unless wife, Debbie, who's the new secretary in TDE, is there to intervene).

Horace, who hails from Norfolk, was graduated from Maury High School. He joined the Marines after graduation and received his printing OJT at Camp Lejeune. He then spent a tour with the 8th and I Marine Barracks in Washington, D.C., where he did printing for presidential functions, the presidential band, the bugle corps, and for others who participated in the evening parades. From the 8th and I, SSgt Eure went to Okinawa and the 3rd Marine Division, where he was NCOIC of the printing vans. Being a Marine, and therefore orderly, Horace went to the 4th from the 3rd (New Orleans), where he was in charge of the small duplicating section.

He worked with the 1250 multith in the 8th Marine Corps District (also New Orleans) from 1979 until his arrival here. This is SSgt Eure's first teaching assignment, so he is a brand new graduate of the ITC. (He professed to loving the course, but then, how much more charm could the man absorb?)

Debbie met Horace when he was stationed in D.C. They've been married for five years and have a "million-dollar baby" named Danielle (age 2). There is also a Horace, Junior, who is well on his way to becoming a star pitcher at age 11, and also enjoys fishing with his father.

The Eures enjoy travelling in the U.S., and Horace also likes movies, and most types of music, especially easy-listening jazz. The Eures live in the Dogue Creek development, so we can look forward to seeing their smiling faces no matter how much it snows. ©

DCAG's Free Agent Gets JSCM

Yet another feather in the departing C.O.S.T.'s cap!

Kathy Gerhart was honored in a DCAG ceremony for her service to the Department and to DMS. Joking that Kathy is now "a free agent", LTC Valvo mourned the fact that "even with a first round draft pick we'll never get anyone as good."

On a more serious note, the Chief discussed the presence of women in the Army and their contributions.

"I come from the old school, and I

was used to the old ways," he said, "but all of the women I've worked with in DCAG have done nothing but enhance the image of women in the Army. Kathy is outstanding and conscientious in the teaching area alone, but she was also one of the major supporters of every DCAG activity. She's an Orioles fan, too—but I won't hold that against her."

Kathy was specifically cited for: "her expert technical knowledge

see the C.O.S.T. on page 5



CONTOUR

19 February 1982

Defense Mapping School

Volume 9, Number 4

Fore! Smash! Lob! Swish! Cliff Retires With JSCM



LTC Maune and MSgt Goins

He was renowned for his exceptional talents in all arenas. There was his golf swing. His golf putt. His nice knees. His tennis smash. His tennis lob. His nice knees. His racquetball swing. His comments at the Jade Buddha during luncheons. His nice knees. His ability to tell a string of jokes and have them make a complete circuit of DMS in under ten minutes. His nice knees. His imitation of COL Wood's golf parlance. His ability to drive to Bolling and Andrews on student crises fifteen times a day.

And, oh yes, his nice knees.

In his twenty-year AF career, almost five of which were spent at DMS, MSgt Cliff Goins interjected a lot of personality into his surroundings. His "go-get-'em-don't sweat-it" attitude made him a

favorite companion on Monday mornings, and he was privy to more than one student's personal problems.

As a man in blue prior to his work at DMS, Cliff had experience as an air policeman, a carpenter, a housing inspector, a training technician, a and a recruiter.

He recently received the JSCM for his work at DMS as our feedback coordinator and AF training representative. He was specifically cited for: "establishing feedback mechanisms for upgrading the quality and effectiveness of DMS courses and procedures to provide professional liaison counseling and assistance to AF students on such matters as pay and assignment

see Nice Knees, page 5

Class Notes
Class Notes
Class Notes
Class Notes

LONG DISTANCE PUZZLE

The long-distance award for excellence in puzzleology goes to Captain John Cobbing, Office of the Director, Cartography, Ottawa, Ontario, Canada, who phoned SFC Earl Wright with the correct answer to the puzzle in the 22 January edition. Greetings to all you folks up there—we love to get your answers. We're a bit ambivalent about your snow, however.

WELCOME BACK, KOTTER AWARD

Which GAD instructor was recently presented with an effigy of himself, complete with balloons, a "Welcome Back, Kotter" sign, and a proclamation that read: "You're the greatest teacher in the world"? (Was that right before a test, Unckie?)

GEORGE WHO?

This year marks the 250th anniversary of George Washington's birth. To honor the first surveyor (Mook excepted), Fort Belvoir will fire a 21 gun salute on Post on 22 February, courtesy of the "C" Company of the 11th Engineer Battalion (Combat) (Heavy). The garrison flag will also be flown on the 22nd.

POET'S CORNER

30 days hath September,
 April, June and November,
 All the rest have 31,
 Save February, which goes on forever.

**RUMOR CONTROL:
 Attitude Check Division...**

Who's all smiles in AMS—and why?

MISSING CAPTAIN DEPT.

Where did CPT Tuttle go? (Does the new shipment of M&Ms have anything to do with it?)

S ON A SS?

I received so many threats on my integrity with the last puzzle that I began to think I'd made some typos. But, nope, the "S on the SS" was legit, but for some reason it **drove** a lot of you crazy. The folks in Survey, as inspired by Joyce Zieres, were the first

to phone with the correct answers, but the folks near CPT Tuttle's office ran a close second.

Since you all enjoyed the frustration of the last puzzle so well—I've included another for this issue (see page 5). The rules are the same. Transmit all answers and comments (nice ones only) to me at x43497. ©

| | |
|----------------------------------|---|
| A. 26=L of the A | Letters of the Alphabet |
| B. 7=W of the A W | Wonders of the Ancient World |
| C. 1,001=A N | Arabian Nights |
| D. 12=S of the Z | Signs of the Zodiac |
| E. 54=C in D (with the J) | Cards in a Deck (With the Jokers) |
| F. 9=P in the S S | Planets in the Solar System |
| G. 88=P K | Piano Keys |
| H. 32=D F at which W F | Degrees F. at which Water Freezes |
| I. 13=S on the A F | Stripes on the American Flag |
| J. 18=H on G C | Holes on a Golf Course |
| K. 90=D in a R A | Degrees in a Right Angle |
| L. 200=D for P G in M | Dollars for Passing Go in Monopoly |
| M. 8=S on a S S | Sides on a Stop Sign |
| N. 3=B M (S H T R) | Blind Mice (See How They Run) |
| O. 4=Q in a G | Quarts in a Gallon |
| P. 24=H in a D | Hours in a Day |
| Q. 1=W on a U | Wheel on a Unicycle |
| R. 5=D in a Z C | Digits in a Zip Code |
| S. 57=H V | Heinz Varieties |
| T. 11=P on a F T | Players on a Football Team |
| U. 1,000=W that a P is W | Words that a Picture is Worth |
| V. 29=D in F in a L Y | Days in February in a Leap Year |
| W. 64=S on a C | Squares on a Checker/Chess Board |
| X. 40=D and N of the G F | Days and Nights of the Great Flood |

| | |
|--|---|
| <p>The Defense Mapping School Contour is an authorized newspaper, published biweekly by and for the DMS, Defense Mapping Agency. Views and opinions expressed in this publication are not necessarily those of the DoD.</p> <p>Address all communication to:</p> | <p>Editor, Contour Defense Mapping School Fort Belvoir, Virginia 22060</p> <p>Director: COL William T. Stockhausen</p> <p>Editor: Linda Stacy</p> |
|--|---|

Wayne Gleason

Now who says you can't go home again? Mr. Wayne Gleason, whom some of you may remember as an instructor in SD's BGS and AGS courses a few years back, has returned for another stab at instructing—this time in construction surveying. For those of you who may need a reminder, Mr. Gleason was celebrated by Maj Millians as the man who taught AGS "for so long and so well he developed a permanent squint from looking for the North Star". He was also well-known around the region for his war stories "which sustained and entertained us through thick and thin, boredom and apathy, lethargy and sleep."

This reporter had an insightful hint into Mr. Gleason's personality when he strolled into (civilian this time) personnel and Carla Davis called out: "Oh, no! We're in trouble now!"

We're very lucky to have Mr. Gleason back in Virginia, safe on the first *unflooded* floor of Wheeler Hall. After he served his twenty years in the USMC and retired from DMS, Wayne and family headed down to Louisiana where Mr. Gleason had a

Have We Met?



job as a "borehole surveyor". Little did the Gleasons know that their housing development, as a result of a rampaging hurricane and flood, would become the focus of the network news one night. The Gleason's escaped ruin by just about four inches—the water had risen up to their doorstep.

Since returning to Virginia, which the family remembered was a much calmer place than the bayou country, Wayne has worked with the security force of the World Bank in D.C., where he was a night-shift supervisor.

After all the Service years of travel and the civilian years of adventure, Wayne is happy to report that the family—wife, Pamela, and Tom (a member of the Army National Guard), Yvonne, Teresa and Jeanine—will soon be settling into their permanent home in Stafford. Wayne reports that Pam is the one with the green thumb and will take care of their two acres, but his tastes lean toward bowling, fishing and computer programming. ©

Shannon Glass



The new and friendly face at the master controls of the Lanier, Bev Eppolito HQ, DCAG, is Ms. Shannon Glass. Shannon is a Woodbridge resident who graduated from WHS two years ago. She spent some time driving a Prince William School bus (the bigger kids are the hardest to manage, she reports), before she heard we were in need of a temporary clerk-typist. (Shannon's older sister, Sherry, and her mom both work at MERADCOM and saw our "Help!!" announcement.) Shannon also has two other sisters

More of Have We Met
on pages 4 and 9



Mr. Gleason has returned—and he's taken to the field already—in this case showing students how to pack the instruments away.

Have We Met, cont. from page 3

with es-special names: Sheena and Sheila, and a brother named Don. (The Glasses couldn't think of an "s" male Christian name they liked.)

If all goes well, thanks to friends of Don, Shannon may be around collecting for a suntan lotion supply in the next couple of weeks. She is hoping to have a job in a hotel in the Bahamas (we'll keep our fingers crossed!).

In the meantime, Shannon spends her free time riding her seven-year old horse, Pica, and watching stock car races (her father is an avid driver). ©

L11 Allen Bechtold



L11 Allen Bechtold's tour with DMS is a first in several ways. After 22 years of supervisory and other printing experience in the Navy, "Buddy" is experiencing the joint-serviced School for the first time (that's the first first). His second first is his introduction to Virginia—and the rest of the east coast. He previously spent most of his time on the west coast—and in warmer climes.

He calls Portland, Oregon, home (and since he met his wife, Janice, there that seems fitting). His sea duties include tours on the USS Hector (Long Beach), the USS Callente (Long Beach), the USS Delta (San Diego), the USS Maury (Hawaii) and the USS Jason (San Diego).

On drier ground, he served at the CINCPACFL Communication Center (Hawaii), with the Naval Advisory Group in Saigon, and with the Nuclear Weapons Training Group Pacific in San Diego. His last tour, which may explain the slight British clip in his voice and his reference to the Metro as the "tube", was spent as a Staff Printing Supervisor with COMNAVACT in London.

L11 Bechtold's third first is his new job as an instructor. A bona fide ITC grad, Allen says he's enjoying himself in GAD's Offset Printing Division, especially given the "opportunities to learn things that were just theory before, including the Harris presses." Allen has many other classroom interests and aims to complete the A.A. degree he started out west. He's presently pursuing some personal educational interests at NOVACOCO, including electronics and small business management.

Allen is also a pilot (and a former president of the Aero Club in England) and plans to take more lessons to get his commercial license for light single-engine planes.

Allen and Janice Bechtold are the parents of three sons: Eric (11), Chad (10), and Gavin (8).

And here's your last first, Buddy— glad you're here. ©

SSG Randy Grim

If there was ever a misnomer, it's this new offset press instructor's last name. SSG Randy Grim has one of the friendliest smiles around, despite



coworkers' threats that his beam would break my camera.

Randy used to be on the other side of the lectern and graduated from the Offset Press Course in 1975. Happy happenings came his way on the next Grim tour at the 30th, where he met his wife, Debbie (the daughter of a military man).

From the 30th, Randy was sent to West Point as a printer for two years. The Grims were then assigned to the Cold Regions Test Center at Fort Greely, Alaska. Randy assures me that both he and Debbie enjoyed the weather there.

But he is sure he enjoys teaching, even though he was forced to give up his volleyball playing recently when he was put on the night shift.

Randy and Debbie are the parents of three-year old Chad, and brand new (almost) seven-month Michelle. Randy, who hails originally from Connellsville, Pennsylvania, also enjoys hunting, freshwater fishing, softball and reading. ©

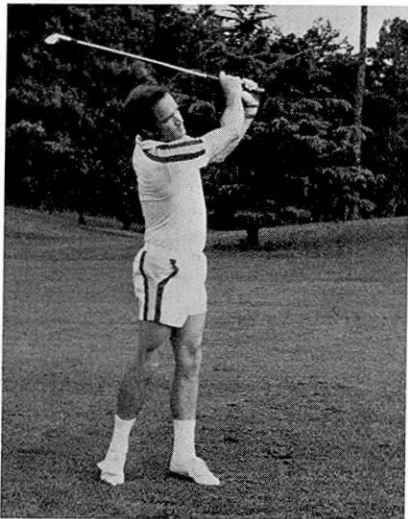
Nice Knees, cont. from page 1

orders. As a result of his outstanding efforts, DMS now has a viable feedback program and a smoothly-operating contingent of AF students."

Cliff, who has accumulated 45 semester hours, or thereabouts, of education toward his degree, is simply going to lie back and study for the next couple of months. He is also planning to settle down to the married life soon with ex-DMS summer hire, Mary Ovrevik. (Now haven't we been good to you, Cliff?)

I'm sure I speak for all the people who knew Cliff and were entertained, enlightened or befriended by him when I say: "All the best to a man who deserves that and more."

Come to think of it, he deserved a JSCM just for keeping COL Wood trim and in a good mood.



MONDAY

Ring!
 "Survey. Mr. Jones' office."
 "Is MSgt Goins there? I'm Airman Smith and I didn't get my paycheck."
 "Nope. Sorry. He's retired."
 (...and by Friday, Mr. Jones has received thirty similar phone calls...)

FRIDAY

Ring!
 "Hello. Goins' answering message center for student crises, fine jokes, and sports scheduling. Mr. Jones here. May I help you?" ©

The Agony and the—S on a SS?!!

- 1600
- A. 1900=The W H (on P A)
 - B. 4=D on a C
 - C. 2=C (3's a C)
 - D. 7=D in S W
 - E. 6=S on a D
 - F. 10=H in a T D
 - G. 2=P (N&S)
 - H. 76=T (L the B P)
 - I. 13=In a B D
 - J. 2=C in a P
 - K. 50=W to L your L
 - L. 7=L a C has *9
 - M. 60=M in an H (S In a M)
 - N. 0=D C at which W F
 - O. 10=P in a B A
 - P. 3=S on a Y S
 - Q. 9=D in a S S N
 - R. 3=K (of O Are)
 - S. 2=A of each S N took on the A
 - T. 2=W on a M
 - U. 360=D in a C

- White bond
- Diana Cook
- Comp Award
- Dwight Samswhite
- Sales Dept
- Notes in AT&T Dial
- Poles North's Inch
- Tumbler
- Baker's Drogen
- Caps Point
- Wants to leave here
- Times a C&S has
- Minutes in an Hour
- Records Cost Water TV
- Pets Bowling alley
- Suits Youth's Sings
- Doggo in a S S miles
- Kemp Oviart
- Amber's Spens's
- Wheels Motor
- Dennis Crank

C.O.S.T., cont. from page 1

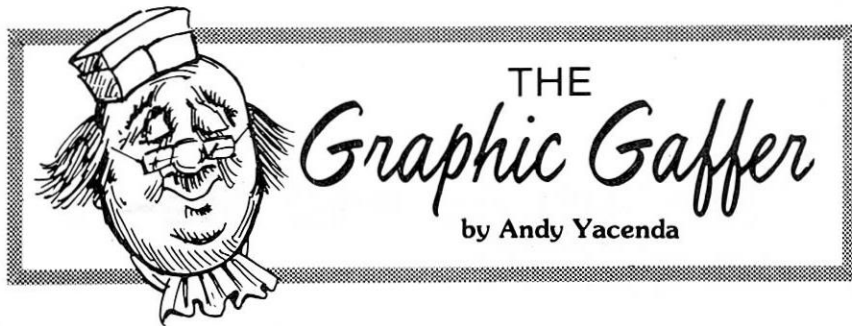
and unequalled enthusiasm which significantly enhanced the overall quality of instruction in the basic cartography course. Her outstanding ability to write and present lesson plans, supporting materials and training aids resulted in the graduation of more highly qualified students and has contributed directly to the successful accomplishment of this Agency's training mission."

Kathy singled out "all the guys who helped out in innumerable ways to make up for my lack of field experience."

Farewell to the C.O.S.T.—we can only hope you'll return to us some day in your civvies. ©

HIGH COST CONTEST

Sue Kersey has suggested a possible solution to the Gerhart "C.O.S.T." dilemma. What do these initials stand for? What can they possibly mean? Give me a call at x43497 if you think you know what the true C.O.S.T. is.



Hi, ho, Silver! Studies on the New Films

Representatives from James River Graphics, Inc., recently treated the repro folks to a lecture and demonstration of silverless film. Silverless film is not new to the graphic arts industry; you old-timers may remember it as diazo film. It is now making a big comeback because of the high cost of silver. In Hawaii my unit purchased a 42"x100' thick base roll of film for approximately \$125 per roll. In less than a year, the price increased to over \$500 a roll. Although the price eventually dropped to about \$300 per roll, our operating budget could not easily afford the increase and our logistics officer had to beg for more money from "big brother" just to keep the print plant operating. Although conditions may not get that bad again, many film manufacturers and printers are attempting to find and exploit alternatives to silver film. Comparisons between silver and silverless films have been conducted recently both at DMS and in field units to help management decide if silverless film can economically and effectively replace silver film. The following information is aimed at helping you make that decision or at least to stimulate interest in conducting your own research.

Before comparing silver and silverless films, it may be helpful to understand how they work—the magic involved in turning an off-white piece of plastic into a reproducible of clear images and black opaque non-images.

Silver film emulsions contain appreciable amounts of silver salt particles, called halides, which, when

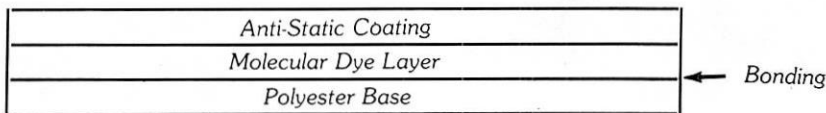
exposed to light, physically change structure and result in a dormant or *latent* image. The exposed film is then processed in a chemical developer which uses catalytic action to change the exposed silver halides, or latent image, into black metallic silver. The size of the silver particles in the film emulsion has a direct relationship to how much light is required to expose the film to create the latent image. The larger the particles, the shorter the needed exposure time. This particle size/exposure time relationship is normally expressed as the American Standards Association (ASA) number or *film speed*. The size of the silver particles also has a relationship to the fineness of detail or graininess of the film—the larger the silver particles, the grainier the image.

Very little literature exists which explains, in lay terms, the theory of silverless films, so my primary sources of information on this subject were some manufacturer's hand-outs and a telephone conversation with Ms. Ginger Joy of James River Graphics, Inc. The information Ms. Joy provided, although primarily addressing her company's product, generally applies to all ammonia-processed silverless films.

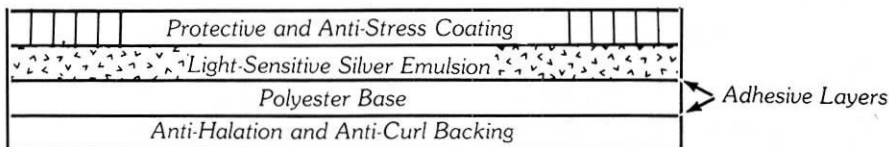
Silverless film emulsions contain a molecular dye structure. These molecules are about 1/200 the size of the silver halide particles normally found in silver emulsion film. The extremely small size of these molecules contributes to the fine image detail obtainable with silverless films. This also results, however, in the need for very long exposures which will be addressed in more detail later. When exposed, light strikes the film causing a molecular change, or "bleaching" of the dye which is suspended in the emulsion. When developed, the dye particles, referred to as "couplers", which have not been bleached out, darken to whatever color they were designed to be. The fumes of anhydrous ammonia cause the darkening during the development period. The introduction of heat, between 160-180 degrees, during the

see **Hi, ho, Silver!** on page 8

Schematic Cross-Section of A Silverless Graphics Film



Schematic Cross-Section of a Silver Graphics Film





Cooking in Distribution With the New ODS-DMS WOC Where Have All the Maps Gone?

by Norm Price

The distribution of MC&G products has long been recognized as a problem child. In the past, units have not received their requested products on time, and, in some cases, not at all. When asked the question "Why?" many possible reasons surfaced.

When a product, once requested, left a servicing distribution center, it became a normal supply item and was handled as such. It soon became apparent, however, that these products were unusual or unique unto themselves. Various systems within the Army's Division Support Command (DISCOM) were developed to handle them. MC&G products were still considered supply items and supply personnel (76Y) were assigned to the various map depots responsible for handling these products.

But the training available to these specialists consisted of OJT. Once assigned to a position within a depot, these people had little exposure to their other quartermaster responsibilities and, subsequently, had problems with their respective SQTs.

To help with the problem, DMS sponsored a course taught by ODS personnel here at Fort Belvoir. This course—Basic Mapping, Charting

and Geodesy Distribution (BMC&GDC) was specifically designed for upper level personnel within the ODS structure, but it was also made available to field personnel.

It was determined, however, that this course did not adequately meet the needs of these lower level field personnel. ODS, in conjunction with DMS, was tasked to design a new course which would better prepare them for their jobs. It was decided that any new course could better be taught at the two major distribution centers within the continental United States (Clearfield, Utah, and Philadelphia, Pennsylvania). Course content and format were developed, approved and the first class conducted 2-13 November 1981 at Clearfield.

This new course, now called the DMAODS Warehouse Operations Course, was specifically designed to provide enlisted and selected civilian personnel with the basic skills and technical knowledge necessary to perform warehouse operations. Topics covered include: receipt and disposal of stock; conducting inventories; processing requisitions; operating material handling equipment; use and function of automated documentation processing equipment; and familiarization with DMA catalogs, maps, charts, and related products. Students also receive an overview of DMA organization, mission, and

functions.

On Monday, 2 November 1981, twenty-six students reported to the Clearfield Distribution Center. The Army Reserves, National Guard, active Army, Navy, Air Force and DoD civilian workforce were all represented in the class. Some Reserve and National Guard students were assigned to newly-designated Reserve and National Guard topographic units, some with map distribution responsibilities. These soldiers needed direction and training in all areas of map depot operations. Other students were already working in map depots and were at the course to augment their OJT. Still additional students were being assigned within ODS and were there to prepare themselves for their new jobs. Representatives from USAES, DMS, ODS and the Philadelphia Distribution Center were present to evaluate the format and effectiveness of the course, as well as determine its applicability toward training personnel for duty as map distribution specialists. It is possible that a new Army MOS (83A) would be established for students who graduate from the course.

Although recommendations for improvement were submitted, the fledgling course was considered a major success, and all involved did an outstanding job. It concluded on 13 November with a satisfied feeling of a job well-planned and executed.

One doctrine proposal being considered is the transfer of map distribution responsibility from DISCOM to the Engineers. If this change is implemented, the need for qualified distribution personnel will be essential in insuring the proper distribution of MC&G products to customers in need. WOC will play a vital role by providing quality training to folks entering or already in the product distribution field.

The next WOC is scheduled for 1-12 March at the Philadelphia Distribution Center. Additional courses are scheduled for September (Utah) and October (Pennsylvania) of 1982; and March (PA), April (UT), September (UT) and October (PA) of 1983.



MYSTERY PERSON

Now how could you all pass up this cuddly little cherub of screen (half-tone version), stage (during graduation ceremonies), and broadways (when he puts on the mop at farewell parties, also the hose and the spiked heels). Shame! Shame! Shame!

If you haven't guessed already, this MP was featured here a couple of months back as "the woman who jumped out of the box". We had a few guessers, and a couple of anonymous phone requests for "more clues", but no one called out—"It's LICM Portt—you mean there are two of him in the world?"

He's the one on the left, no wait, he's the one on the right...um, well, he's one of the two. Bill was indeed born first as the poem explained—

and I'll bet he put up a real walloping cry even then. The significant clues were in the P.S., in which I remarked on the picture that was in the *Contour* a while back: "The curls were replaced with a mop..."

"The floor is really shiny now" refers to Bill's general lack of permanent head rain-gear. But then, as the sign in SGM "Love-'em and Leave-'em" Locke's office proclaims: "God only made so many perfect heads, the rest he covered with hair."

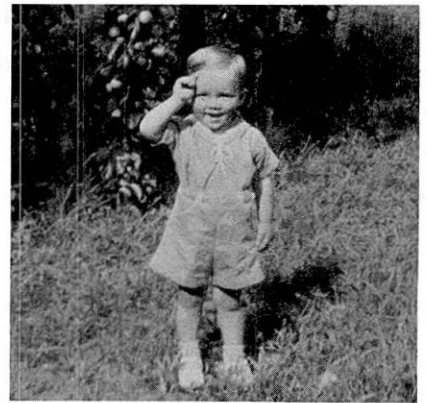
Get the picture now?



Let's see if I can't strike a balance this time between this "too easy/too hard" predicament. (I know when Sherry Bowers doesn't call that it's

too difficult.)

There's something fishy about this MP. Yes, he's now a soldier, good and true, so that enchanting salute is appropriate—but his hair has darkened a bit throughout the years. He's mastered a new role lately, not to lure you away, like the horse from the cart. The mellow sounds of his soothing voice provide a clue to his origins, and he's so nice, he'd really have a hard time selling. Start your motors, folks, and give me call. ©



And I'm still cute...

Hi, ho, Silver! is continued from page 6 and finishes on page 10.

development process hardens the emulsion and makes it less susceptible to scratches.

In conducting a comparison of silver and silverless films, the first significant difference is the price. Silverless films generally cost an average of 25% less, including lower processing chemical costs. Also, since silverless films cannot be overexposed or overdeveloped, film waste associated with exposure and processing errors can usually be reduced by about five per cent.

Darkroom lighting is another area where silverless films take the lead. Silverless film is processed in areas lighted with yellow lighting as are sensitized metal lithographic plates.

Silver film, with few exceptions, is processed in areas lighted by either dark red or no light, making film handling more difficult and time-consuming. Darker lighting also adds to processing errors as well as

occasional injuries—stumbling into trashcans, sinks, cabinets, co-workers, etc.

Unfortunately, because of the low-light sensitivity of silverless film, it must be exposed using high intensity, direct, ultra light (U.V.) light sources. The film can be exposed using any of the following light sources, placed in order from most to least desirable: 1) Adalux metal halide diazo, 2) mercury, 3) carbon arc, 4) pulsed xenon, and 5) tungsten. (The carbon arc should be excluded since OSHA frowns on its use. It produces a harmful carbon dust as a result of the burning carbon rods.)

So be prepared for long exposures, ranging from 75-300 seconds, depending on the type of light source (we found that test exposures were as much as 50% longer than the manufacturers' suggested ranges).

Development of silverless films requires the use of an ammonia processor. If necessary, you can process the film in a trash can—you'll have to ask Mr. O'Brien about this technique. Actually, since ammonia fumes are all that is required, any device capable of holding the film and ammonia source, while confining the fumes, can be used. The manufacturer recommends a special processor which costs over \$1000, but any ammonia processor capable of processing bluelines or brownlines will suffice. During the demonstration I stood near the silverless film processor which was set up near a window in the platemaking section. Even with the exhaust vent tube channelled out the window, I was still able to smell the ammonia fumes. This could present a health problem in poorly-ventilated work areas or vans—another potential OSHA problem.

LT Chris Gunderson

There's been great distress in the environs of CPT Tuttle's office because of Mike Hacunda's pending departure. Who will be the green M&M maintenance man and potency tester? Who will fish in the TSD fishtank? Who will leave pretzel crumbs over the desks scattered with papers dated prior to 1934? Who will spread good cheer and American savoir faire across the globe on MTTs?

We're relieved to report that LT Chris Gunderson, USN, has reported for duty. We don't mean to imply, of course, that Chris will be anything like Mike. (Did I hear a sigh of relief from the second floor?) Truly, we are already convinced that Chris will blaze his own unique path of glory—and probably won't leave pretzel crumbs in its wake.

Yet Chris has certainly inherited some Hacunda duties. He is slated to be the course manager for the new TSD hydrography course and will also be working with MC&GSOC. (He will also be the DMS blood officer—no matter what *type* he turns out to be.)

Chris is a graduate of the U.S. Naval Academy, where he received his B.S. in oceanography in 1977. He has already served as the boat officer for the USNS Chauvenet, in the Bay of Panama, where he performed shallow-water surveying. (That means using small boats, folks.) In 1978 he went aboard the (colder?) USNS Bowditch, where he served as OCEANO UNIT executive officer and performed deeper water surveying (no small boats) in the North Atlantic.

In 1979, Chris headed for gorgeous Rota, Spain, where he served as a meteorologist with the Naval Oceanography Command Center.

Of course now he's in real deep water—welcome to your first DMS instructional assignment, Chris.

In his off-duty time, Chris is becoming involved in the dramatic arts, and especially enjoys playing "serious" roles. (He has previously played in "Whose Life Is It, Anyway?", amongst others.) He also enjoys reading (boy, do we have some course manuals for you) and enjoys all sports, especially softball, running, and water skiing. ©

It's time we took arthritis seriously

It's a myth that arthritis is just the minor aches and pains of old age. It's a major crippler that attacks. Anybody. Anytime. 31 million Americans have it. There are almost a million new cases a year. And six out of ten are under 60. Symptoms can come and go for years. So if you don't know the warning signals, find out. If you'd like information that could help you—or you'd like to help us—write to the Arthritis Foundation, Box 19000, Atlanta, GA 30326.



April 15th FEDERAL INCOME TAX DEADLINE

Hi, ho, Silver, cont. from page 8

Currently, the only silverless film produced is a contact speed film. The film is available in both clear and matte with .002", .004" and .007" thick polyester bases. Conventional film would still be required for all camera work. Unfortunately, this means that additional line items of equipment and supplies must be added to the unit's inventory if silverless film is adopted.

While assigned with the 29th Engineer Battalion in Hawaii, I had the opportunity to conduct a test and evaluation of two brands of silverless films: the General Photo Products Company (GPP) CD, non-silver, and the James River Tecnilith (JRT) G-41 (this was the product recently demonstrated at DMS).

There are now other manufacturers of silverless film but all films are based on the same principle. I conducted a series of fifteen tests exposing a standard ten-step sensitivity guide and a test pattern, furnished with the James Rivers film, which contained line copy, a halftone, two screen scales, and GATF slur and resolution charts.

Both film samples had significant differences in appearance before and after processing. Prior to processing, the films were off-white in color. The emulsion side of the JTR film was difficult to determine without the aid of the film's notch (but will roll films contain notches?). The GPP film was dull on the emulsion side, making identification appreciably easier. After processing, the GPP film non-image areas were amber in color and the JRT non-image areas were a darker, brown shade which, when making composite positives on conventional silver film, would hold out light more effectively.

Since we had no carbon arc lights in Hawaii, we used our flip-top platemaker which had pulsed xenon lights. The minimum exposure for both film types was almost three minutes (160 seconds) which, as compared to the ten to fifteen second exposures of silver film, seemed quite long. One big "plus" for both test films over silver film is that they cannot be easily overexposed because of the spectral absorption of the colored dye in the emulsion. We exposed both silverless samples up to four minutes with no appreciable change in image quality, giving the user much greater exposure flexibility.

Another plus for silverless film is that it cannot be overdeveloped. Unlike silver film, our silverless film samples had "molecular image sensitometry built-in through the formulation of the components in the film"—whatever that means. What I can tell you is that when I accidentally left a sheet of film overnight in my home-made, fumes-in-a-can processor, the film was as good in all ways as the samples processed for the normal time period.

There appears to be both *positive* and *negative* aspects to silverless film—no play on words intended. Silverless film is cheaper than silver film and can't be overexposed or overdeveloped as silver film can—and often is. Unfortunately, non-silver contact film is the only type currently manufactured. This means the addition of new supplies, equipment, and skills to an already overburdened lithographic unit. Because of inherent exposure and developing characteristics, DMS has found silverless films to be of benefit in the production of screens and tonal patterns. Currently, DMAHTC is using silverless film for much of their map reproducible duplicating. If high volume film reproduction is "your thing", silverless film could very well be a less expensive alternative. ©

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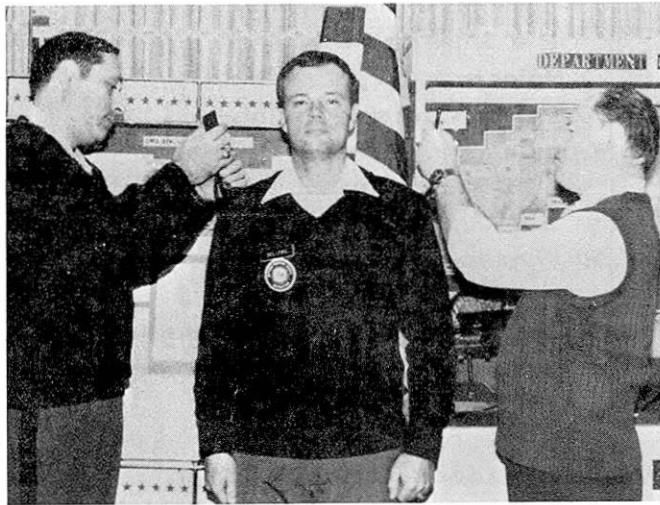
CONTOUR

Volume 9, Number 5

Defense Mapping School

5 March 1982

Sellers Promoted to MSG



"I'd rather be fishing?"
From l. to r.,
LTC Valvo,
Carl, and
Fred Sisk.

Everyone at DMS should know there is one thing that always makes Carl Sellers smile—fishing, or more exactly, *winning* at fishing. Recently, however, Carl was part of another happy occasion and there was nary a fish in sight (and hardly any crabs). With the aid and words of LTC Valvo and Top Wenrich, and the pinning talents of Fred Sisk, Carl was promoted to the rank of MSG.

(A casual visitor to the penthouse on this morning would have known right away that something special was up: as LTC Valvo pointed out, Jack Barts was wearing a tie—not even the clip-on type.)

Carl professed some surprise at being selected for promotion to E-8—although nobody in residence

see Reason to Smile, page 10

Off to Survey Las Vegas?

Las Vegas, lookout, Richey's on his way with his retirement money jingling in his pocket!

SFC Frank Richey, an instructor in SD since 28 February 1980 has retired from the Army after thirteen years of following his love for surveying. Frank, as many of you oldtimers may remember, was working as a lineman when a friend inspired him to join the Army and become a surveyor. Surveyors, it seems, tell intriguing stories and may

"Now don't hock this to go to the tables, Frank." CDR Slayman presents the JSCM to a departing surveyor.



see Richey in L.V., page 10

Class Notes
Class Notes
Class Notes
Class Notes

**THROUGH THE YELLOW
PAGES? BRABETZ TO THE
RESCUE**

We receive a lot of, well, interesting phone calls here at DMS: some intelligent questions, some which we wish were unintelligible, and some that seem to be a matter of life or death. We're still puzzling over the fellow who called and politely asked if we had the grid coordinates for a small town so that he could land. We weren't sure if it was an air to ground call, so we handed the phone over to visiting SGM George Brabetz, who can answer just about anything.

Missing a student? Missing a plane? Missing a runway? That's what we're here for—we suppose.

**SERVICE TRIVIA:
STARS AND BARS DIVISION**

Q: Are there more Generals and Admirals in the military now than there were during World War II?

A: No. On 30 June 1945, there were 2068 Generals and Admirals on active duty, including seven of the five-star rank. On 30 September 1980, the Department of Defense totals came to 1111 Generals and Admirals.

C.O.S.T. OVERRUN

May we remind you that it is the policy of this newspaper never to print any comment that may cause an individual to sue us for everything we are worth. Therefore, since Kathy Gerhart has departed and is not here to defend herself, the person who called and suggested that C.O.S.T. stands for "Cartographically Over-Sexed Type" will not be tolerated.

SFC T.J. Small, of DCAG, is awarded the C.O.S.T. prize by virtue of the fact that he has inherited

Kathy's title. T.J. tells us that the acronym stands for "Crabby Old School Teacher", a name bestowed upon Ms. Gerhart by one of her former students. And, gosh, I bet he or she was a former student posthaste after that remark.

THE S ON A SS STRIKES AGAIN

Thanks to Joyce Zieres and

company in SD, even a puzzle with two mistakes in it proved to be solvable. Joyce kindly informed me that President Ronald Reagan lives at 1600 Pennsylvania Avenue and that cats have nine lives, not seven. (What can I say? I'm an Independent with a pet dog.) Anyway, Joyce came through—and Sherry Bowers was close on her heels.

A. 1600=The White House (on Pennsylvania Avenue.)
B. 4=Directions on a Compass.
C. 2=Company (3's a Crowd).
D. 7=Dwarves in Snow White.
E. 6=Sides on a Die.
F. 10=Holes in a Telephone Dial.
G. 2=Poles (North and South).
H. 76=Trombones (Led the Big Parade).
I. 13=Baker's Dozen.
J. 2=Cups in a Pint.
K. 50=Ways to Leave your Lover.
L. 9=Lives a Cat Has.
M. 60=Minutes in an Hour (Seconds in a Minute).
N. 0=Degrees Centigrade at which Water Freezes.
O. 10=Pins in a Bowling Alley.
P. 3=Sides on a Yield Sign.
Q. 9=Digits in a Social Security Number.
R. 3=Kings (of Orient are).
S. 2=Animals of each Species Noah took on the Ark.
T. 2=Wheels on a Motorcycle.
U. 360=Degrees in a Circle.

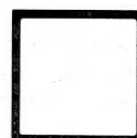
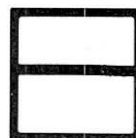
Gosh, if I keep this up, these puzzles could prove to be difficult indeed. Here's a puzzle of a less wordy sort to give you all a breather from the equations.

scrambler:

Pretend that the sides on the figures below are matchsticks or toothpicks. Remove five so that ten remain.

SFC Cruz kindly provided this brain

Class Notes, cont. on page 7



What's Going On In TDE?

Why Doesn't Someone Answer the Phone?

by Jim Harnden

When you make a telephone call to a friend, your judgement (or youthful parental guidance) dictates that if the party to whom you placed the call does not answer within five to seven rings, he or she is either not home, does not wish to be disturbed, or is out of earshot of the ringing.

These various possibilities for incomplete calls do not (or should not) pertain to similar attempts between offices and individuals in Bagley Hall since we are fortunate to have a very functional intercom system throughout the building.

As the DMS family knows, Bagley Hall is the home for the Office of the Director, three staff offices, and the Department of Graphic Arts. To accommodate these five elements, 47 telephones are dispersed among their offices. According to the DMS desk directory, 16 office numbers reach 26 different locations with the network being supplemented by 30 convenient and much-used (abused) intercom lines.

Those who are unconcerned with the proper use of telephones can be seen using A-1 and A-3 lines for Post calls which obviously prevents anyone else with a valid need from using these lines. This is an inconsiderate act at best, but not the prime motive for venting some similar personal observations in this article.

The principal target for discussion is the ridiculous misuse of the intercom—a system which allows a person to person conversation without tying up the office lines. To my knowledge, no one has yet attempted to call Hawaii on the IC, but every other conceivable desecration takes place several times each day.

To treat this general beration in an orderly manner is most difficult, but one must begin somewhere. I'll start by revealing to you that the record

for continuous rings on a single IC is 23. That number of rings spans 85 seconds. Now let's think about that. First of all, you wouldn't begin to think of making a call from your home and allowing it to ring nearly that long on the other end. Secondly, the IC assigned to an individual is within arm's length if the person is seated at the desk or within two or three rings if across the room. If your party does not answer within three rings, chances are he or she is not there.

23 rings! Sacre bleu!

Let me call a number in your office someday and let it ring for 85 seconds. I hope you are trying to concentrate on something important at the time.

And did you ever stop to think that no one else in the building can use the IC during your fruitless persistence?

"Well," you say, "There are at least two obvious solutions to such a situation. Why do you let that happen?"

Let me stop you before the hole you're digging causes seepage. There are two solutions, the first of which is to go across the room and answer the IC of the person being called. This is quite an accomplishment. The caller invariably asks if the one called is there and you have but one reply. End of call.

However foolish action number one is, it is slightly preferable to solution two. After ten annoying

rings from an IC across the room, a co-worker decides to pick up his or her own IC with the same dialogue following as in solution one. The minor benefit to the former is that the *!*□23&*! phone will stop ringing if you pick up the IC being called—not true for any other phone.

Another favorite game played by a few indolents is "guess the number". It's rather amusing when, alone in the office, one IC rings, then another, and another, and you know that, with a little patience, you will eventually be a winner. Being well-prepared by this time, you can answer the inevitable question before it is asked: "No, he/she is not here."

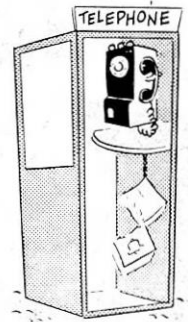
Two thoughts come to mind concerning this situation. One, with a few seconds search of the directory, the right number can be called on the very first try. Secondly, if the caller doesn't really care who answers the phone, then he or she shouldn't be using the IC. Call the office number.

Other infractions of IC use have been noted, but to correct these, along with flagrant examples which I have described, a few basic, logical rules are offered:

- 1) Be considerate.
- 2) Call the proper IC the first time.
- 3) Answer only your own IC.
- 4) Hang up after three rings.

Anyone care to try for 24?

If you have any more phone tips for Jim, he may be reached on IC 23—and 24, and 25, and 26... ©



TSD Has Specials For Three:



Linda and Joe take a look at the citation displayed by LTC Desrochers.

CPT Joe Mack Receives ARCOM

TSD has also been blessed by the DMS version of the “new wave”. New TED instructor CPT Joseph Mack received a very appropriate introduction to DMS. He’s spent the last three and one-half months in the MC&GOC classroom—studying, not teaching. Topographic sciences is a field Joe has been eagerly anticipating, and he found MC&GOC to be “great preparation for my new field and my new DMS assignment.”

Joe received his B.S. in geology from New York State University at Brockport. He was commissioned into military intelligence after attending infantry OCS. CPT Mack also has an M.S. in business administration from Boston University.

In his ten and one-half year Army career, this is Joe’s first stateside assignment. From 1973 to 1975, he served in the Canal Zone with the Army Security Agency, first as an S1/S2, and then as an operations officer. He then served in Korea with the 329th, also as an operations

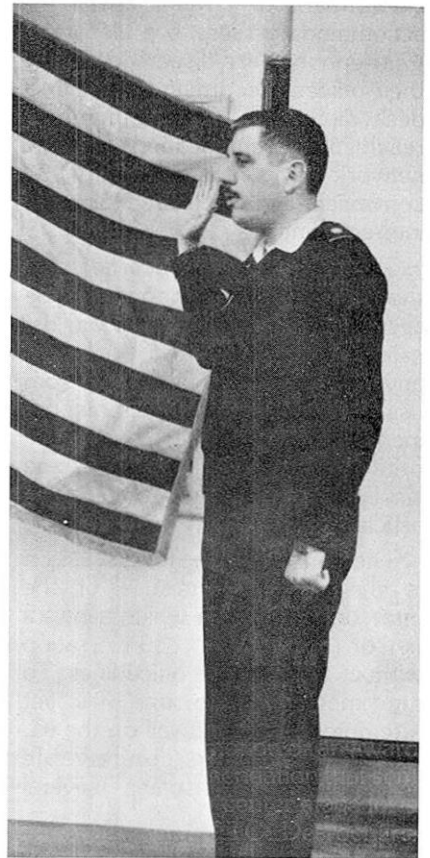
officer. From 1978 until his assignment here, CPT Mack served in Augsburg, Germany, first as an operations officer with the Army Field Station, and then as a company commander.

CPT Mack was awarded the ARCOM in TSD for excellence on his last tour. The citation reads, in part: “As S3 he rendered dedicated service while managing resources in support of local and national level intelligence consumers. As commander, his leadership, intellect, and professionalism guided his company in winning the Intelligence and Security Command’s competition for large category dining facilities, and enabled his unit to win the coveted Field Station Commander’s trophy for outstanding unit sports achievement.”

CPT Mack is originally from Watertown, New York. His wife, Linda, is from the Panama Canal Zone. Joe enjoys photography and hiking, and both Linda and he like fresh and salt water fishing and classical music. ©

Is It Farr to the Regular Army?

It wasn’t a promotion or an award or a letter of commendation that sent Major Bill Farr to center stage for a ceremony with LTC Desrochers. Nope, our own “leader of the Wheeler Hall pack” was welcomed into the regular Army. (Does this terminology imply that there is an “irregular Army”?) Bill previously held a reserve commission and his new regular commission status is a significant career change for Bill. He has been with us since 1980 as Chief of TED. (He’s also the fellow in the orange suit who deserves a combat medal for motorcycling to work during the great snows of 1982.)©



Just a regular fellow now...

see Three For TSD, page 5

A Major Feat For Cobb

Major Alan Cobb was recognized in a TSD ceremony for his achievements with the 1981 Air Force Assistance Fund Campaign. The Defense Mapping School made 100% of its goal this year, and Major Cobb was singled out for this accomplishment with letters from Brigadier General Allen K. Rachel and an accompanying letter from Colonel Stockhausen. ©



Run For Your Life

There's a vicious rumor making the fashion rounds that suggests the miniskirt is in this year. I mention this because I realize this news has applicability to a full 100% of the *Contour* audience: those who wear and those who watch. But don't hold your breath, guys, bloomers were in last year and we intelligent, sensitive women didn't fall for that either. Regardless, the swimsuit will be most definitely in in a few months, which may be causing some battle of the bulge panic for both the sexes.

Well, SSG Ed Santos of GAD, may have an answer to our prayers in the form of the Fort Belvoir "Run For Your Life Program." The program is not primarily for those who are a tad overweight, but for all members of DMS and the Post community that have a vested interest in leading a long and healthy life. The program is patterned on progressive distance running based on the aerobics theory to strengthen the cardiovascular system (heart, lungs, and blood vessels).

There are three phases to the program, and where you are slotted to begin depends upon your past

running/walking experience or lack thereof. The Run For Your Life Program is open to all Service personnel, their dependents and civilian employees at DMS (who may choose to run during their lunch shifts or before and after work).

Therefore, even "office workers, clerks, administrators, instructors and people who have been recently ill or overweight" (sound like DMS?) have a place in the program right along side those who are already conditioned. (Ed has a book on the program which explains the standards, according to sex and age, to qualify for a "conditioned" status.)

The program is an individualized one and the honor system is in effect for filling out scoresheets. Awards are bestowed for those completing from 50 to 10,000 miles in any phase of the program.

SSG Santos is involved in Run For Your Life and would like to see more members of the School enter the program. He's offering moral support and more information on registering, so drop by the back room of GAD (downstairs where the fridge is) if you're interested or think you might be talked into joining. (Ed can also be reached at x42592.)

The program is demanding, but equally rewarding, and those of you who have been meaning to start a regular exercise program may find just the incentive you need after a chat with Ed.

There are a couple of areas quite close to DMS which have been allotted as program running areas. To give you a basic idea of the mileages involved, here are some sample running areas: ©

Pullen Football Field Track—Belvoir Rd.—1 lap is ¼ mile.

Parade Field No. 1—South Post—1 lap is ½ mile.

Gunston Rd. between 3d and 4th Sts.—South Post—1 lap is ½ mile.

Specker Field House—South Post—12 laps are 1 mile.

As with any exercise program, you may want to check with your doctor before beginning. (In some cases, the Run For Your Life Program requires that you do so.)



SSG Dave Smithson

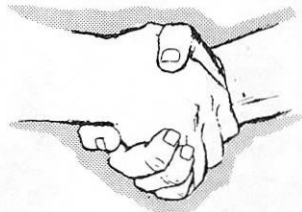
I finally caught up with someone before he went to Charm School—should we do a “before” and “after” charm check?

In the midst of SD’s “folk shuffle”, we found SSG Dave Smithson, a 1978 honor graduate of BGS. In his eight-year career with Uncle Sam, Dave has already amassed a very interesting bio. He attended the Defense Language Institute in 1974-1975, where he studied Vietnamese. For the next three years, he worked as a senior voice transcriber at the Torii Station in Okinawa.

Although Dave can still transcribe Vietnamese fairly well, he came to DMS in 1978 to pursue his original love of surveying. Prior to joining the Army, Dave studied civil engineering at West Virginia University.

After graduating from BGS, SSG Smithson served as a platoon sergeant and squad leader in Fort Bragg, NC. He was reassigned from Bragg and worked for the Beckley

Have We Met?



District Recruiting Command in Charleston, WV. Dave and his wife, Karen, are originally from Richwood, WV.

Dave also spent part of his career working on the MX missile system with the GSS folks.

His civilian surveying experience includes work with a gas company and mine surveying, which Dave describes as “terrible work.”

This is his first instructing assignment, and with all of his experience, he seems well-suited for the job. Dave and Karen are the parents of two children—Jeffrey, age five, and Jennifer, age one. SSG Smithson enjoys golf, racquetball, hunting, and reading (all excellent credentials for an enjoyable DMS tour). ©

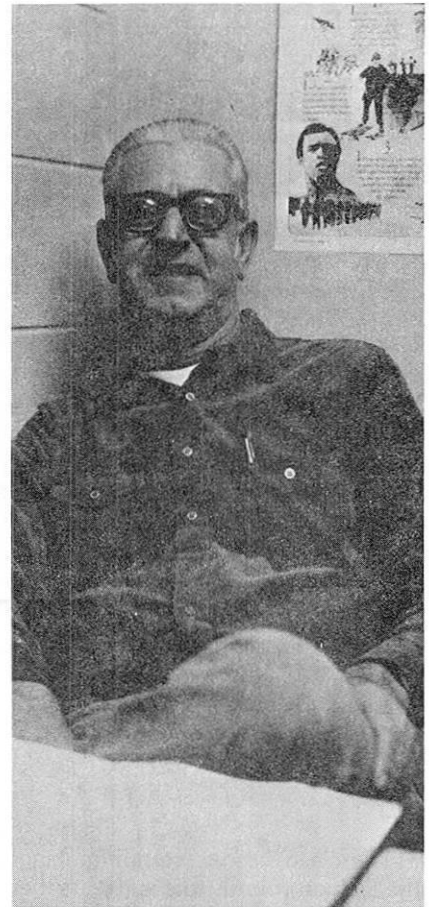
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COL William Stockhausen

Editor:
Linda Stacy



Bill Ferguson

Yet another veteran of SD has returned. Mr. William Ferguson was an instructor in the Geodetic Survey Division from 1966 to 1967. A 1st Sergeant with the 30th when he retired, Bill arrived here in January to take up where he left off more than a decade ago. As an instructor in BGS, Bill will be spending most of his time indoors in the classroom, but his leisure-time preferences run to outdoorsy events. He likes “canepole” fishing, hunting, baseball and football.

Originally from Danville, Illinois, Bill and his wife, Lucie, have now settled into a permanent home in Virginia. They are the parents of four: William, Jr., Bobby, Duane, and Barbara—and the grandparents of two-year old Bobby Ray, II, (son of Bobby Ray, of course).

Welcome home again, Bill. ©



MYSTERY PERSON

Well Sherry Bowers called, which proves the last MP was fair. So did Ed Franke, who was the first from Bagley to pin MSG Sellers' name on the saluting tyke in the last issue. The Chief Instructor ran a close third.

The clues were sprinkled liberally throughout the last column, beginning with "fishy". Mr. Franke remarked that the tip-off for him was the darkening color of Carl's hair. (Carl claims that the next step is a 50% genetic chance of baldness.) "Mastered a new role lately" should have made it easy for all you folks who had heard about his promotion, and "lure" was another of those embarrassingly easy clues that strike me as irresistible, despite their "pun-niness". "The cart" should have led you to the penthouse, where Carl's "soothing voice" would make a hard

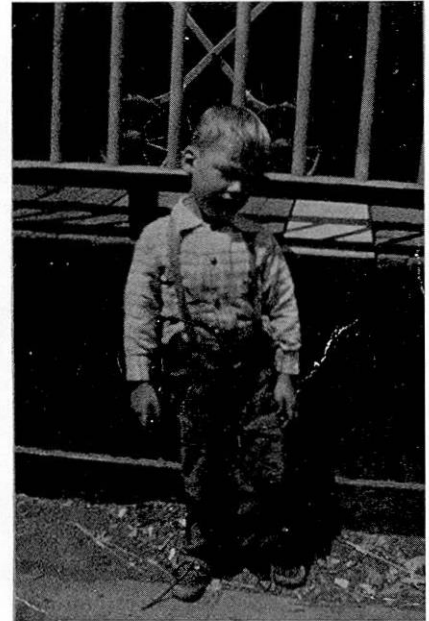
"selling" life difficult. "Start your motors" referred not to race cars, as officemate Fred Sisk might surmise, but to boat motors, as in fishing boat motors.

© © ©

Just follow the bouncing ball and sing along with this bashful fellow. Well, he may have been bashful once, but Joyce can tell you that his time spent with Mr. Marvel really brought him out of his Northern shell.

He's the type that may not take you at your word: "Me? Show me!" he may say.

He's also liable to bowl you over, although not as often as in years past, and he recently acquired a new ad-van-tage.



Bon jour! Are you impressed?

Think, thin, think Army, and think of first impressions.

Give me a call at x43497 if you've got this one licked. ©

Class Notes, cont. from page 2

ARE YOU STANDING ON YOUR HEAD?

We've received a more detailed puzzle answer from the folks at the National Defense Headquarters in Ottawa, Canada, and it's so downright upright we just have to pass it on. With thanks to CPT F.G. Harrington, D/CARTO.

Dear Linda:

Here's a Canadian answer:

7
4 1 3
6 8 5
2

The Australian answer would look like this:

2
5 8 6
3 1 4
7

Sincerely,
Capt. F.G. Harrington

POSTER PERSON OF THE MONTH?

You are hereby requested to participate in the making of the Contour. I would like to start a new feature or two and want your opinions on some possible options. Please send your replies down to me and I'll give them my best shot.

Check any you would like to see started and send your responses to the Editor:

Office Profiles: (what individuals have around their desk area and why) _____

Personality Column: (hobbies, talents of individuals) _____

Opinion Column: (a question is asked of several folks and their responses printed) _____

A Complaint/Suggestion Column: _____

Create-A-Caption _____

Other: _____

©



Left, Bobby Rawlings is a friend to many members of DMS from his days as an instructor here and as a First Sergeant with the 30th. Right, SSG Hannon is also upping SD's new pool of instructor talent. Dana is also familiar with the 30th—it was his last tour before coming to our hallowed halls.

Bobby Rawlings

Three former SD members returning at the same time must prove that old DMS saying: "Surveyors never get lost in transit."

Another in our category of returning field friends is Mr. Bobby Rawlings, who last served as an instructor in D/TOPO from 1966 to 1968. Bobby retired from the Army in 1975, after serving, like Bill Ferguson, as a 1st Sergeant with the 30th here at Belvoir.

He's kept himself busy the last six years, but all the while he's been "waiting for a DMS slot to open up". Bobby has worked variously as a waterproofer, a surveyor for a civilian consulting firm, as a supervisory supply clerk for Post Supply, and as a letter carrier for the Post Office. He also studied business management at NOVACOCO for two years.

Settling back into the DMS spirit was easy for Bobby—he actually *admits* to knowing almost everyone in the Survey Department and during ITC he ran into old graphic arts buddy MSG King.

Bobby says there's really no difference in being a civilian instructor rather than a uniformed one. (In other words, he still gets to yell with conviction.)

Mr. Rawlings is originally from Northeastern Kentucky, but he and his wife, Chieko (Kay), and sons, David and Eddie, now make their home in Lorton, Virginia. ©

SSG Dana Hannon

A northerner has arrived to enjoy the sunny Virginia climes. Let me try that again. A northerner has arrived to enjoy the , uh, sometimes sunny Virginia climes. (Was that a snowflake that just drifted past the window?)

SSG Dana B. Hannon is upping the quota of new and enthusiastic instructors in SD. Dana spent his last tour with the 30th on Post—so he didn't have to come too far. He's a young veteran of the School, having graduated in 1979 from BGS, and in 1980 from AGS. He has also had a wealth of experience in infantry divisions—once with the 2nd

Infantry Division, Korea; a tour with the 9th Infantry Division at Fort Lewis; and, finally, with the 101st Division at Fort Campbell. (While he was with the 101st, Dana was in the unique position of working in Kentucky, while living in Tennessee.)

Prior to his Army career, Dana spent two years with the Marines, working as a wireman at Camp Pendleton and with the 1st Marine Air Wing in Vietnam. In between leaving the Marines and joining up with the soldiers in green, Dana spent about four years performing a variety of salesman and other jobs.

If all of this isn't enough of that stuff that is the variety of life, Dana also attended broadcasting school in Boston. He's originally from Concord, Massachusetts (home of the renowned grapes).

Dana and Jan Hannon have two children—ten-year old Sean, and four-year old Kelly.

When he's forced to not work, Dana enjoys coin-collecting, studying history (especially maritime), camping, hiking, and scuba diving. ©

THE SECRETARY OF COMMERCE

WASHINGTON, D.C. 20230

February 2, 1982

Major General Richard M. Wells
Director
Defense Mapping Agency
Building 56, U.S. Naval Observatory
Washington, D. C. 20305

Dear General Wells:

As we close the Fall 1981 Combined Federal Campaign, I want to thank you for your role in helping us achieve the best results in the history of the CFC.

- o We have raised \$13,740,000 (\$140,000 over the goal) and more than \$1.3 million (+10.8%) over last year;
- o The \$1.3 million marks the largest single year increase in CFC history. Only once before in its 18 years did the CFC's increase exceed \$1 million;
- o There were 231,000 contributors which is an increase of 5,700 over last year and the second increase in participation in the past 15 years.

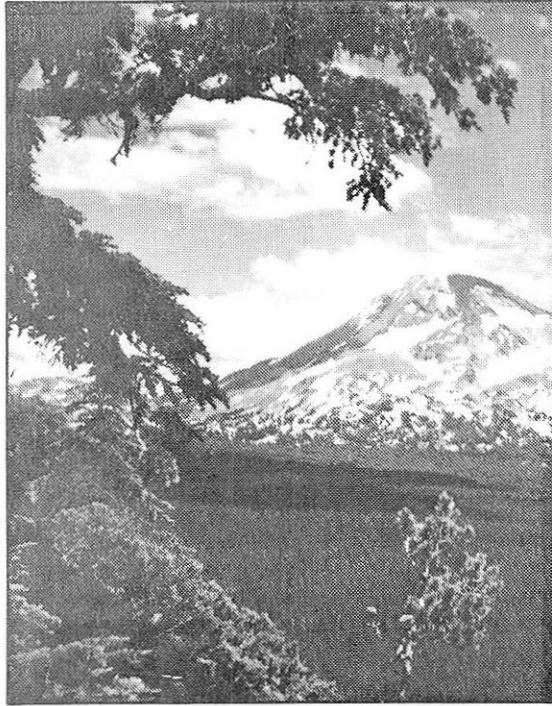
This year's campaign clearly demonstrates that Federal employees do care about the needs of people and will respond generously.

Your campaign at the Defense Mapping Agency was especially successful this year, raising almost \$119,000, an increase of \$16,000 more than last year (up 15 percent) and \$12,000 over your goal. The number of contributions increased to 2,456, which was 150 more than last year. You deserve much credit yourself for making it clear that caring about people through support of the CFC is a serious priority for the Defense Mapping Agency. You must be very proud of the exceptional achievement of your fine staff. Indeed, our community is very grateful.

I know you will join me next Fall to support a new CFC General Chairman in doing all we possibly can to achieve a new record-breaking campaign. Success builds on success, and this year's results certainly augur well for the future of the Combined Federal Campaign.

Sincerely,


Malcolm Baldrige



march

March heralds the beginning of Spring on the 21st of the month. Whether it comes in like a lion or like a lamb, you can be sure that the winter is over. As the English poet, William Wordsworth, wrote:

"Like an army defeated
The snow hath retreated. . .
The ploughboy is whooping -anon-anon'.
There's joy in the mountains;
There's life in the fountains;
The winter is over and gone."

March is also the month of the ancient god of war, Mars, and generals of the past planned their campaigns in March before the rains of April set in to mire down the wheels of battle. But looking forward to the rains, farmers begin planting their crops.

The groundhog, although undecided in February, is up and about, along with the rest of the animal kingdom. It is a time of renewal; a time for beginnings; a time to think about life.

Reason to Smile, from page 1

could quite figure out why. He's been an instructor in CCD since 1980 and in the cartographic field since 1977, when he graduated from DMS.

His competence in the cartographic field belies the fact that this was not always MSG Seller's career field. When he first started out in the Army, Carl was an MP with the 84th Detachment at Fort Wolters, Texas, and then went to the 4th MP Company, 4th Infantry Division in Vietnam. He also served as a special investigator with the 546th MP Company at Fort Smith, Arkansas, and with the 110th MP Company in Korea, as NCOIC of the security force. He had his first taste of teaching back in 1973 as an instructor in the Military Police School at Fort McClellan and Fort Gordon before he entered into his present career field.

With this diverse background, it was no wonder that LTC Valvo spoke on "the special pleasure I have in promoting Carl today. I firmly

believe the whole background of where the Army stands today is our base of trained NCOs."

In his soft Southern accent, Carl payed tribute to his coworkers, describing them as a "super bunch of people who helped me get where I am today."

We can think of no one more deserving of this promotion than Carl, and we wish him all the best. ©

Richey, cont. from page 1

be an untapped resource as Service recruiters.

Frank spent tours with the 29th Engineer Battalion, the 649th and the 63d before reporting for duty at DMS.

Unfortunately, Frank's friend from the lineman days had not told

him about the unexpected hazards of surveying. In the fall of 1980, while instructing a planetable course between Wheeler Hall and Bixby Road, Frank was hit by a car and suffered a leg injury. Frank has recovered fairly well from the accident, but has decided, after all these years of adventure, that it's time to take (spend?) it easy in Las Vegas.

CDR Slayman presented Frank with the JSCM for his work at DMS, and it specifically cited his "development of cogent training materials and upgrading of instructor expertise which enhanced student comprehension and achieved vast improvements in the Basic Survey Course." The citation went on to laud Frank's "outstanding technical qualifications, dedicated efforts, and sincere concern for student welfare."

All of the friends he leaves behind wish Frank and Yoshiko all the best on their new civilian life. ©

CONTOUR

Volume 9, Number 6

Defense Mapping School

April 1982

DMA To Celebrate Its Tenth Year

The Defense Mapping Agency will celebrate its tenth birthday this summer with a series of activities at HQ DMA and at the five major components around the country.

The highlight of the Decennial Observance will be the hoisting of the new DMA colors for the first time at a military ceremony on 18 June on the grounds of the U.S. Naval Observatory, where the Headquarters is located, with much of official Washington and the MC&G community as guests.

The annual DMA-wide Awards Luncheon will be held 17 June in Washington, with award recipients and senior component officials participating. The new Robert Erskine Award for Exceptional Achievement, which will recognize significant contributions to DMA during its first decade, will be presented at that time. "Charter members" of the Agency, who were on board when DMA was established on 1 July 1972, will also be recognized during the ceremonies.

Major General Richard M. Wells, Director of DMA, stressed the dual emphasis of the Decennial Observance, recognizing the "dedication and outstanding effort of those who have built this joint agency in the past ten years and,

see DMA, page 6

DMS Bowlers Bring Post Championship Home



DMS TAKES IT ALL--The DMS Intramural Bowling Team took the **FIRST PLACE TROPHY** during the Fort Belvoir roll-offs on 11 and 12 March. DMS handily defeated HQ CO, 2nd BN; and HQ CO, 3rd BN, to receive the top award. Participants included: from left to right, Doug Wrenn, Ed Santos, Earl Wright, Team Captain Jim Sharp, Rich Beebe, Gene Rudy, and Mitch Michaud, shown here presenting the trophy to COL Stockhausen. The Trophy is to be displayed in the showcase in the Auditorium.

by SFC Earl Wright

PX NOTES

Wooly Pullies, BDUs & Shoes

by SGM Bill Locke

PX Notes? Wow, it has been a long time, hasn't it? I'm not entirely certain just what prompts me to renew my acquaintance with this column. Could it be Spring? A bribe by the Editor? More likely 'tis a love to read "my stuff" in print. Can the admission of vanity be called humbleness? Probably not.

The most controversial, or at least the most popular(?), subject at a recent Advisory Council meeting was the good old MCSS (Military Clothes Sales Store)—and if you've been there recently, you have an idea why. Business has been beyond the wildest dreams. If you were to take the amount of sales from the old MCSS, add them to sales of AAFES military store, and multiply by about two, you'd come close to present sales. The "Wooly Pully" and new "BDUs" have played a big part in this, of course, as attested to by the long winding lines you've seen.

Help may be on the way, as it's no longer rumor that the present Cafeteria will become, perhaps by late Fall, the new MCSS. Besides sporting more space, the new facility



Not to mention the raspberry custard. . .

will also have three, count them, three, cash registers. At present, there are only two, and if you've never been in line behind a couple of new troops drawing initial issue, then you can't appreciate the need for improvement in this area. To ease the present situation, Mike Rohrer, Exchange Manager, promises to "look at" the possibilities of keeping one register open for cash and carry patrons when lines get long—should help a lot.

Can't find your size in BDU? It may be late summer or early fall until you can. Belvoir, as with other installations, is on the "allocation system" for receiving this item, which means someone else decides what we get, both in quantity and size. Naturally, BCT installations get

larger percentages. You Army troops should be reminded that you'll need to have two sets by 1 October, so don't give up looking for your size. I hope it doesn't come as a disappointment, but you Airmen, Sailors, and retirees can't buy them.

Have you noticed that you no longer have to stand at the gas pump waiting 'til the last patron has paid before you can pump? It's true, new equipment that came with the new kiosk has a memory. That means as soon as the pump is shut off, you can pick up and start gassing your beast. Too bad we still have to risk our lives standing in line to pay.

Have you liked the "U.S. Shoe" program at the Exchange? Then this next item will cause some cheers and some groans. As reported by this writer some time back, the program is being tested at Fort Belvoir. AAFES has informed us that when the test ends on 30 June, the Belvoir Exchange will revert to the normal AAFES shoe program. Personally, I like the U.S. Shoe program, but then I know what it can do—and you should, too, if you have read this column in the past.

If you managed to get this far, you deserve to know what stimulated me (it wasn't you-know-who, darn it) to bring back PX Notes. I didn't want the folks at the Main Exchange to forget why we used to send them copies of the *Contour*.

Shop your Exchange—it makes cents.

Attention, Swingers!



Hey you with the clubs! It's spring, time to participate in the Third Annual HQ DMA Golf Tourney. Be there on 23 April at the Andrews AFB West Course. For additional information, call the School's own Arnie Palmer, CW3 Al Yovorsky, at 43098. Good luck, all you swingers, bring a winning tradition home to DMS.

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Editor: Linda Stacy

DMS To Launch Savings Bond Campaign

by Willie McCrory



DMS will be launching its 1982 Savings Bond Campaign on 1 May. The campaign will be conducted from 1—31 May, and keyworkers will be available in each office and department to provide information on the Campaign. On behalf of Colonel Stockhausen, the Chairman of the 1982 Campaign, I urge you to make this the most successful year ever.

Should I be saving more?

Should I be saving at all?

Americans are asking themselves these questions. The answer is an emphatic "Yes!"

You should be saving for two important reasons: you and your country.

FOR YOURSELF:

Savings are the basis of any prudent financial plan. Most of us have to put something aside regularly if we are to accumulate any sizeable sum of money, the kind of money most of the big things in life require.

How better to do it than with the automatic, dependable Payroll Savings Plan for U.S. Savings Bonds? With Payroll Savings, a one-time decision to save makes you a saver payday after payday, without fail. Then, even if you spend all your take-home pay, your financial security is growing.

FOR YOUR COUNTRY:

How can the few dollars you put aside help America?

One of the most important things savings do for America is to fight inflation. By saving, rather than spending, you reduce the demand for goods—which tends to bring prices down. By choosing to save for big purchases, rather than borrow for them, you reduce the demand for money—which lowers interest rates.

Yes, saving with United States Savings Bonds is a good idea today. So sign up for the Payroll Savings Plan. Or, if you're already signed up, take this opportunity to increase your rate of savings.

Carto's New CSC Graduates Four

"Today's soldiers are very motivated, but there is still a lot to be done. You must lead them. They need the leadership of the professional NCO so that they, too, will one day be molded in your image."

These comments by LTC Valvo at the graduation of the first two-week Cartographic Supervisors' Course, characterize the nature and purpose of the fledgling DCAG course. From identifying cartographic project requirements and planning cartographic activities, to the maintenance of quality control and the production of management aids, the short course provides a boost to cartographic supervisors who can take this added expertise back to their units and put it to the test.

The course, under the guidance of CW3 Dennis Johnson, was taught by SFC Rudy, SSG Williams, and



SFC Small. Students included our own SP5 Saunie Pegues, SSG Ronals Heupel, SFC Eddie Crews, and SFC Marshall Buchanan.

The new course, with its emphasis on "training the trainer", provides another dimension to the curriculum of DCAG, and to that of DMS.

Bellying Up and Striking Out



provide salads; TSD to bring the beans; and GAD and the Staff to contribute desserts.

See—anyway you look at it, it's still a bargain! Where else can you watch all kinds of folks eat all kinds of food and then do all kinds of crazy things working the calories off?

The gathering begins at 1100, with the main meal planned for 1130—1300.

Entertainment will include the traditional NCO/Officer Softball Game, preceded by the powerhouse powder puff game. Numerous events will be planned for the little folk and special efforts will be made to provide entertainment for the teenage group.

This year we will not be mailing out separate invitations. Look to the *Contour* for your invite and stay tuned for more information. Plan to be there with family, friends, and long-lost DMSers.



Rumor has it that Mark Thomas and his machete will be on hand to cut up the watermelon. Paul Wilson and his committee have informed us that they have arranged a schedule of events to work the buns off your --- and put smiles on your faces. Yep, it's almost DMS picnic time again, and it's going to be yummy to the tummy. Plan to spend the fifth of June pigging out, bellying up, and striking out. This year the event is all thanks to the fancy footwork of the Department of Survey.

Committee members include:

MSG Bernard—Chairman
CW3 Nolta—Finance/Facilities
SFC Blanton—Food
SFC(P) Lyman—Publicity
GySgt Wilson—Entertainment
SFC Davis—Beverages

(Contact this crew if you would like to lend a hand.)

Tickets are now available and may be purchased until 21 May from your Departmental representatives:

Staff—SGM Tarr
GAD—LICM Portt
DCAG—Mrs. Kersey
TSD—SSG Batt
SD—SFC(P) Lyman

We are sorry to say that inflation has finally caught up with us and we will have to raise our prices a little. The cost will be \$2.50 per adult, ages 12 and over; and \$1.50 per child with a maximum of \$10.00 per family.

This year's menu will include BBQ ribs as well as chicken, hot dogs, and hamburgers. Plans call for DCAG to

Class Notes

Class Notes

Class Notes

Class Notes

DREAM ON SECTION

The ten best retirement areas for civilians in the U.S. according to *Consumers Digest* are: Mountain Home, Arkansas; Edisto/Beaufort, South Carolina; San Antonio/Austin, Texas; Clayton, Georgia; New Port Richey, Florida; Richmond, Virginia; Medford, Oregon; Asheville/Hendersonville, North Carolina; Truth or Consequences, New Mexico; and Port Isabel, Texas.

(No wonder the folks at IAGS are so cheerful.)

SPRING OFFICER ACTIVITIES

Your Editor has all the information on the upcoming Engineer Dinner, Counterpart Dinner and Castle Ball, all held on 14 May this year. Give me a call at 43497 if you think you'd like to attend.

HELP HARRY!

New DCAG instructor Harry A. Schmitt is eagerly looking for a car pool or van pool from Manassas to Belvoir (0730—1615, give or take 15 minutes). Give him a call at 43073 if you can relieve his commuter woes.

ATTEN-SHUN, DMS DUFFERS!

DMA HTC has announced that their first golf outing of the '82 season will be held at the Leesburg Country

Club on Friday, 14 May. The head dufusses, uh, duffers, at DMS are CW3 Al Yovorsky and Mr. Jack Barts, who will be glad to provide more information.

KEEP AN EYE OUT FOR DEERS AT DMS

By now, everyone should have seen the 5 April AMS Memorandum on the Defense Enrollment Eligibility Reporting System (DEERS). Because the new system affects everyone in the military community who qualifies for health care at military and public health service hospitals and clinics, it is vitally important that we all be aware of the enrollment procedures and of the rationale behind the new System. DEERS will help eliminate

see **CLASS NOTES**, page 7

Sun Shines as Mike Receives DMSM

The early (0715) morning sun shone through a thin slit in the dark TSD drapes. The rays slanted directly on the intent face of the young man, who sat with his head bowed.

"Father Michael", boomed a voice (LTC Desrochers) from the pulpit, "The sun shines only on you. Does this mean you are being guided by a higher power as you leave DMS?"

As reported by CPT Tuttle



The sun was indeed shining as we all gathered to say "Pip, pip, cheerio" to LCDR Mike Hacunda, now assigned with the Commander of the U.S. Naval Forces, Europe, in London.

But we certainly didn't let the three-year resident and non-resident (due to a large number of MTTs throughout the years) slip away unnoticed. He was awarded the DMSM for his professional service to the School, and received the customary ribbing and roasting for all of his other services.

The citation on the DMSM reads, in part: "During his tenure, he developed and presented professional instruction on diverse and highly technical mapping, charting, and geodesy subjects, while taking a sincere interest in the students. As course manager of the Analytical Photogrammetric Positioning System Course, he exerted great effort on both resident and worldwide nonresident operator training to insure that the Services received only the best trained operators to support their respective missions."

Although nobody was awake enough to lead LTC Desrochers on a rousing rendition of "Leaving On a Jet Plane" or "On the Road Again", there were other memories about Mike amply relived.

The TSD Chief volunteered his opinion on Mike's professional development after his promotion to LCDR: "I noticed a big change in Mike after he was frocked. I no longer had to edit his MTT reports quite so extensively."

There was also a rumor that Mike's little black book, which spans three continents and is really not so little, was auctioned off to the highest bidder. Sherry Bowers said that she probably wouldn't have to answer quite so many female-voiced requests for Mike over the TSD lines.

Then there was the time Mike went fishing—in the TSD fishtank. Or the time he requested kisses at a certain ceremony. Then there were the green M&Ms.

Good luck, Father Michael, it really won't be the same without you.

On the (ITC) Road Again--With Steve and John

by Sue Kersey

How many notable events could possibly occur while spending two—count 'em—two two-week TDY's with John DePuy, late of Survey, and DCAG's Steve Falkenthal ?

The answer?

Oodles, as we found out on the last ITC venture to Phillie and St. Louis.

The noteworthy occurrences started, appropriately enough, at the beginning. The Philadelphia folks said: "Yeah, take the train."

Little did we realize they had one-track minds. There was no baggage car like the nice lady at AMTRAK said there would be, and, due to mechanical failure, two trainloads of passengers were herded aboard one Metroliner. Moo!

We also soon discovered that Sunday is not the time to rent a car at

"We're from the government, and we're here to help you."

the 30th Street Station. Our experience was an excellent example of the old "You can't get there from here" dilemma.

Plan two was put into effect: rent a taxi to rent a car. (Not, however, before the taxi-driver backs down a one-way street when two (2) one-way signs point in opposite directions.)

Okay. Got the car. Need the directions. To get where we wanted to be on Roo-sie-velt Bool-ie-ward,

see ITC ROAD, page 10

TDY With Gina & the GSS in Cheyenne



From left to right in the breezy city: Wes Hoffdahl, the Wild T-3, Gina, and Mike Hayden.

by Gina Lynch

Cheyenne, Wyoming, has changed little since the days of the Wild West. Calamity Jane and Buffalo Bill Cody would feel as much at home there today as they did years ago. The miles of wide open fields, big ranches, high winds, big "western" breakfasts, cowboy hats and boots are still common in every day life. Bison still roam the land in "Lions' Park". And once a year, whether you're ready for it or not, there's the BIG DADDY of them

all—Frontier Days! There are rodeos everyday, with free breakfasts, long parades, big name country western entertainment, and thousands of visitors who converge on the otherwise quiet Cheyenne for a week packed full of good times from dawn until dusk. Frontier Days is the last full week in July, and this year Barbara Mandrell, Johnny Lee, and the Charlie Daniels Band will be there.

With plenty of wind across the

open lands, Cheyenne is typical of a western town. It's also typical in that it abounds with down-to-earth, friendly people. (In fact, actor Steve McQueen married Ali McGraw in Cheyenne because he thought the people were the most hospitable he had ever met.)

This impression is most accurate when describing the people who work at the DMAHTC-GSS, which is located on the outskirts of the town. Although most of the DMA folks in Cheyenne are kept out on TDY, when you can catch them home, they're the most agreeable group of people you could ever hope to work amongst. I had the opportunity to work with two of the nicest while I was TDY there in February for a week of training on the Wild T-3 theodolite. Mr. Wes Hoffdahl and Mr. Mike Hayden are both responsible for maintaining every piece of surveying equipment that is used by HTC on their projects throughout the world. It's up to Mike and Wes to repair and adjust all the equipment, which numbers in the hundreds. Because HTC works extensively with the MX missile system, their expertise in this area is of the utmost importance. Thanks to Mr. Hoffdahl and Mr. Hayden, and their easy-going manner, I had a very pleasant TDY in the great city of Cheyenne.

DMA, cont. from page 1

looking ahead to the future, confidence in the strength we now have as a unified organization."

The Decennial Observance Committee recommended as a Decennial Theme: "Decade of Progress--Decade of Challenge."

To emphasize this heritage, a new booklet on the history of U.S. mapmaking and the first decade of DMA will be published in conjunction with the Decennial, as will other informational materials, and made available to employees.

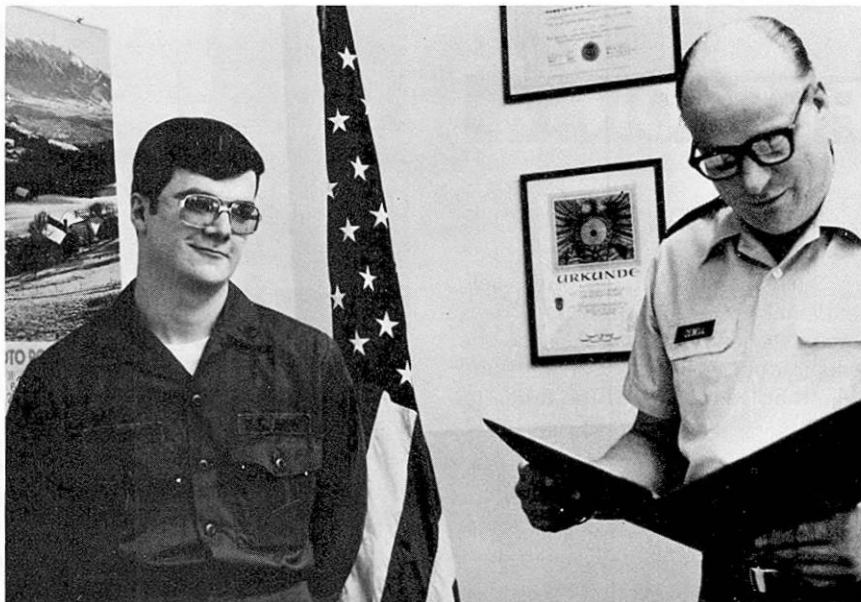
The Decennial Observance Committee has ordered five different mementos of the occasion, and they will be sold at cost to DMA

employees at all locations. These will include coffee mugs, two different pen sets, desk paperweights and key fobs, all embossed with the DMA seal. Sample copies of these items will be on display at all components. (Linda Stacy will be the DMS sales representative for the mementos.)

General Wells noted, "Many of you are part of the "Decade of Progress"—having joined the Agency at its beginning. Some of us are relatively late arrivals. All of us are members of the best MC&G agency in the world. I hope you are proud of it. I am. Join us as we recognize our heritage and prepare for a "Decade of Challenge."



Linda Stacy, x43497, has samples of DMA Mementos. Cash orders may be placed until 30 April, 1982.



SSG Randy Grim was the recent recipient of a certificate of achievement for his tour at the Cold Regions Test Center, Fort Greely, Alaska, from 20 November 1979 to 17 October 1981. Randy was the NCOIC of the repro section there before coming on board at DMS. He was cited for: "His exceptional meritorious achievement, which directly contributed to the successful completion of the FY80 and FY81 test seasons. SSG Grim achieved high quality, professional results through his technical competence, prompt service, and quality assurance." LTC Zebell presented the certificate. Let's hear a resounding round of applause for the smiling Grim!

CLASS NOTES, cont. from page 4

fraud by insuring that only those entitled to military and CHAMPUS health services are using such facilities. It will also provide better health care by determining how many people in particular communities are entitled to military health care. This will lead to better planning in terms of estimates made for needed doctors, nurses and technicians.

Active duty and retired military members are automatically enrolled in the System through their personnel records. Dependents must be enrolled by their sponsor, using DD Form 1172 and supplying legal documentation establishing proof of dependency. Enrollment will begin in May, with retirees receiving packets from their parent service in May or June at their current correspondence address (or the address where retired pay is sent.)

More information will be forthcoming on enrollment for dependents of active duty members of DMS. Time scheduled and locations will be furnished as soon as they become available. In the meantime, members of the School should be securing applicable documents to verify dependents' qualifications for health care. For more information on the documents needed, or about the system in general, contact MSG Jack Del Barto, or Linda Stacy.

This computerized system is designed for eventual use in other military benefit areas, including use of commissaries and exchanges.

NOT EVEN BO DEREK. . .

called with an answer to the last puzzle. I'll warn you now—it was a "groaner". Remove the bottom "toothpick" and the two (vertical)

sides from the first square. A "T" will remain. Now take the right hand side off the second square. Wah la! An "E". (That's four toothpicks total removed so far.) Here's the kicker (and I may be the object of the "kick"): remove the bottom toothpick of the last square. Slide the top toothpick down, slanted, so it forms an "N". Good, huh? (Please direct all disparaging comments to Rick Cruz.)

Here's a "knowledgeable" puzzle that ought to be a breeze for all who've travelled throughout the country.

Listed are some States where the natives have unusual names (and some usual ones thrown into fool you). You know about "Kansans" and "Texans", but do you know the correct terms for folks who live in these States?

- a. Alabama
- b. Arizona
- c. Arkansas
- d. Colorado
- e. Connecticut
- f. Illinois
- g. Louisiana
- h. Maryland
- i. Michigan
- j. New Jersey
- k. New York
- l. Oregon
- m. Rhode Island
- n. Vermont
- o. Virginia
- p. Wyoming
- q. Indiana

PUBLICATION NOTICE

Effective this month, the Contour will be published monthly rather than biweekly.





MYSTERY PERSON

It's been so long since I looked at the MP column, even I wasn't sure who it was for a moment. But Jack Batt, Carla Davis and Jim Harnden knew it was SSG Mitch Michaud, despite the slightly misleading clue about "Joyce".

The "Joyce" clue was not a reference to our Mama in SD, but to Mrs. Michaud. "Mr. Marvel" was Mitch's first introduction to GAD and DMS, and "Nothern" shell refers to Mitch's hometown roots.

"Me? Show me!" was a homonym for "Michaud"—at least the proper French pronunciation.

"Bowl" and "van", which made Carla think it might be Rich Beebe, refer to Mitch's passions (not counting Joyce, of course).

"Thin and Army" are self-explanatory, and "impressions" was meant to lead you to GAD and the repair course, where you can find Mitch at least some of the time.

© © ©

Aloha! Here's a cartegorically popular and friendly instructor looking pensive on Santa's knee. (Was she dreaming of the islands even then?)

But, getting back to basics, this lady has been an enthusiastic supporter of all manner of School activities. She's a graduate of several courses, and never acts gingerly when the opportunity for career improvement occurs.

We only wish she were planted here permanently.



Sauntering on Santa

Reuter Joins Carto's Ranks



New DCAG instructor SSG Ray Reuter seals his fate with another three.

by DCAG

SSG Ray Reuter (pronounced "Royter"), quietly joined DCAG-C this past November; however, based on his outstanding performance since his arrival, it is evident that actions speak louder than words.

Ray came to us from the 30th Engineer Battalion, where he served as Senior Battalion Editor.

He graduated from ITC with flying colors and has been energetic about teaching ever since. Ray has become a very effective member of the instructional staff, displaying a willingness to take on any task.

Recently, at an early morning ceremony, Ray was congratulated after he took the oath and "locked" himself into another three years (one lock he won't be able to pick).

Ray and his wife, Sandra, and their four children, Heidi, Michelle, Tammy and Ray, Junior, reside in Dogue Creek and we in DCAG are very happy to welcome he and his family to our community.

Better Than A Hamster: Sue Takes Her Act On the Road

by Sue Kersey



How convenient it was that when DCAG was due for a *Contour* article, I happened to be going to give my daughter's 4th grade class a very basic course in mapmaking. (Jack thought it was great: "Hot dog! Write it up! Make it long enough to qualify for the Department's *Contour* submission!")

Several weeks ago, my daughter came home all excited, saying they were studying maps and how to read them in school. Cammie told me the teacher thought it would be just great if I would come and show the class all about basic mapmaking. (My daughter gets that wound up only when she takes the hamster to school for a visit!)

The whole project turned into a joint Carto effort to get me away for the afternoon. Rudy supplied me with swivel knives; Dave Gibson with scribers; Sandy Rivella with a peel coat design; T.J. Small with a mosaic pull-up; Ty Bingamon with a colorful map of Pennsylvania (written in a Yankee hand—it was hard to decipher); Gene Murray with aerial photographs and stereoscopes; Denny Johnson with a picto-map of the U.S.; Steve Falkenthal with a plastic relief map; and Barbara

Windland with a "Go gettun!" (See what an eager team we have in the Penthouse?)

So, well-armed with equipment, supplies, a lesson plan, and Linda and her trusty camera, we started out for Mrs. Hoffman's class at Fort Hunt Elementary School. Getting there was no problem, but all of sudden facing thirty wide-eyed expectant ten-year olds was quite different from facing thirty almost-awake soldiers. These kids were ready to go!

I started out by asking them what name is given to a person who makes maps. These "in-the-know" 4th graders immediately came up with the correct answer—a mapmaker!

We talked about surveyors and their part of the mapmaking process. They had studied George Washington and knew he was a surveyor, so the group had a good handle on the subject. I asked them if they had heard of another famous surveyor—John DePuy. When I explained John had been out of the Survey business because he was out with thirteen dancing girls who don't do windows, the children hung their heads in disgust. All except for one kid who just grinned and said, "My

daddy doesn't do windows, either."

The next topic that arose was aerial photos. The kids really got high on that subject. They oohed and ahhed while looking at the big, old tall building and the round volcano.

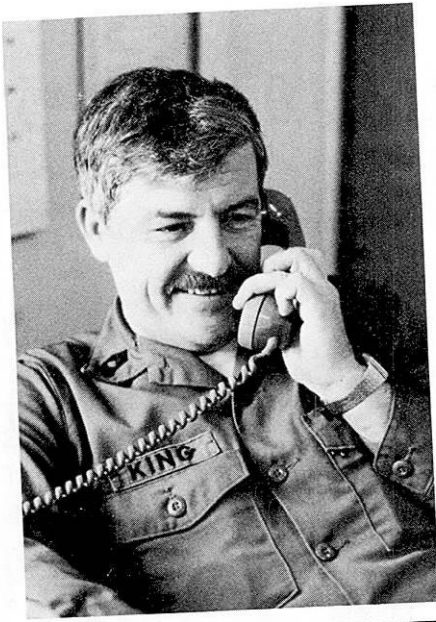
The kids then got a chance to scribe and stick-up some type—and they did pretty good, too! I asked if any of them wanted to come with me and join the Army. It was the first moment of silence ever experienced in that class.

At last it was time to pack up and depart. We barely made it. The announcement on the PA system said the truckette parked in the bus zone was about to be obliterated by the onslaught of empty school busses and masses of children anxious to see them filled.

Hats off to Mrs. Hoffman and her class. They were an enthusiastic, well-behaved, happy group of youngsters. And what a challenge to me to teach a ten-week course in an hour!

Cammie said it was as much fun as the hamster!

And hats off to Sue Kersey, the trailblazer in the fledgling DMS Speakers' Bureau.



Ray (& Yoneko) Arrive at DMS

How many military folks can claim, after 22 years in the Service, that they have never been separated from their spouse?

MSG Ray King, Chief Instructor of GAD's Offset Printing Division, and his wife, Yoneko, have been all around the globe—together.

Ray comes to DMS from the 29th Engineer Battalion. A 1957 graduate of the Offset Press Operator's Course, he has had tours in Fort Benning, Georgia; Korea, Japan, Germany; Hawaii; Fort Monroe, Fort Bragg; and Sandia Base, New Mexico. Ray has gained experience

as a press and multilith operator, as a cameraman, as a squad leader and platoon sergeant, and as a planner and programmer for the Defense Nuclear Agency Printing Plant.

With all this wealth of experience, Offset Press seems to be in very good hands.

Ray and Yoneko live on Post, with their baby, Chibi, a toy fox terrier. MSG King is another of those racquetball connoisseurs who can beat the heck out of the likes of SGM Watson. Good to have you around, Ray.

ITC ROAD, cont. from page 5

we had to make a couple of "U-ees" Luckily, Steve is Yankified enough to translate directions received and we are—finally—successful in locating our residence.

The set-up at the Phillie ODS office was another ITC challenge. Since their only classroom was still under construction, we were given the run of the conference room. As usual, our students were delightful and enthusiastic, so it was easy to make do. Their ever-ready participation opened up entirely new "learning situations". (Vivid expressions such as "wringo" will forever remain in the ITC vocabulary.) And what a reward to see these people give their assigned classroom presentations. One who had never done any public speaking is now fully qualified to take on the position of presidency.

These guys were absolutely great—they even let us drink their coffee for free.

Philadelphia was a nice place. I learned what a great appetite Steve has for seafood when he ripped off the doggie bag from the next table. (The waitress handled it very well. She spanked him and told him to sit up. Then she went into a dissertation about this dog-eat-dog world and how we were all going to the—dogs. Quite obviously Steve had barked up

the wrong tree and bitten off more than he could chew.)

I also learned about John's primary craving—"takos". And believe me, he put down enough to make me believe they are his primary craving. The waitress at this particular tako establishment was a real hot tamale. (John looks silly panting—he insisted it was the sauce.)

After a brief respite and a bout with Phillie Hoagie Withdrawal (PHW), we flew off in the wild blues yonder for the second leg of the ITC tour—St. Louis. I am happy to report that this time we encountered no initial transportation problems.

Upon arriving at DMAAC, we also found out—joy of joys—that most of our set-up work had already been done. John put the icing on the cake by announcing: "We're from the government, and we're here to help you."

Again, and lucky for us, we had a super class of twelve students. Some had previously taught at the Carto School; others were about to make their initial attempts. There was also quite a variation in age groups, but all, of course, were older than my 23 years. The class really kept us on our toes—and oh, boy, the questions they could ask!

Actually, some of the topics they raised required heavy discussions at the dinner table. One of the answers that kept us all stumped was the identity of an AF TSgt who teaches in Survey, is a bachelor, hails from North Dakota, drives a new Datsun, and was voted "Most Adorable" somewhere along the line. (Whether this was a high school achievement or a state title was unclear.)

Mr. Stevens says that Survey is chock full of adorables.

All in all, St. Louis was really good to us. We were also fortunate to be there on the day on which summer fell for the year. We met a very friendly German accordion player who can play a mean rendition of "Stars Fall on Alabama-OOM PAH PAH".

Then, of course, there was the episode at National, when we arrived ten minutes before our plane...but that would take an entire article. I'll just wait until Jack tells me there's another deadline.

Whew! We're certainly glad to be back home. Our next performance will be with an HTC group. Dates will appear later. In the meantime, y'all stop in and say hi to the ITC troupe.

Debbie's Debut

You've heard a bit about one member of the Eure family, but you have not been thoroughly introduced to Debbie, TDE's secretary and the "better half" of Horace, that irrepressible SSgt in GAD.

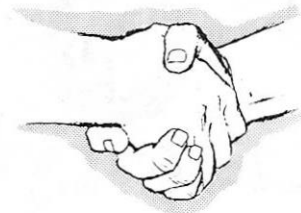
Originally from Michigan, Debbie ventured down to D.C. in 1974 to work at the Veterans' Administration's central office as a word processor. A D.C. friend happened to mention one day that her cousin, Horace, was a military man—and the rest is marital history.

Debbie was introduced to Horace and they were married back home in Michigan in 1977. (There's just something irresistible about a Marine uniform!) Because Horace was on orders to Okinawa, Debbie stayed back home in Southfield, only to be reunited with her husband a short while later in New Orleans, where Debbie took a job as a secretary for the Navy's Enlisted Personnel Management Center. In 1979, Danielle was born. (Horace describes her as "the million-dollar baby", but Debbie also adds the adjective "frisky" to the list.)



When Horace was transferred from New Orleans to DMS last year, Debbie was also fortunate enough to arrive just as Bonnie B. was departing for Texas with Bill. Since then she has become very attached to the Lanier—and we have become very attached to her.

Have We Met?



Debbie, who used to be a cheerleader back home in Michigan, is a fan of live football and a great enthusiast of boxing. (At a recent Black Flag Officers' banquet in D.C., she was thrilled to see Muhammad Ali. That was him, right, Deb?)

She also loves to travel, and one of her fondest memories is of a high school tour of seven European countries in a five-week period.

He H.A.S. Arrived; They Are Happy



by CPT Kukoski

Construction Drafting has gained the presence of the one and only Harry A. Schmitt. Harry is a unique addition to the lofty halls of Wheeler. At over six feet tall, with a bushy moustache, Harry is in Big John's league. He has other qualifications, too.

Prior to coming to DMS, Harry

received an associate's degree in architecture in 1981, and has been a drafting instructor at Fauquier High School since he retired from the Army in 1974. He is also a three-time Charm School graduate (1960, 1968, and 1982).

He and his wife, Helga, live in Manassas and are the parents of three children: Brenda, Cydne (also a draftsman), and Steven. They also have a granddaughter, Krysta.

Other than the commute to Fort Belvoir, Harry really welcomes the challenge of his new instructor position. Seeing the youthful soldiers training at DMS brought back a childhood memory that Harry would like to relate to *Contour* readers. As a child, he lived in Germany. At fourteen, he was required to pick a service and receive training. At age fourteen, he was trained in the anti-tank squad.

Harry explains: "It was like placing a stove pipe on your shoulder with an electric charge at the end. The explosive would routinely be detonated electrically at the tank. Upon impact, another explosive would fire on the tank, causing the metal to melt and crack and bounce around inside the tank, thus disabling the tank."

At age fourteen, the mere thought of what this could do was frightening, and he had to practice by shooting at a tree. (Thank goodness there were no tanks with which to finally deal.)

In his leisure time now, Harry enjoys the rowdy sport of football, but he also enjoys the calmer things in life, like spending time with his family and listening to classical music.

When asked if there was anything exceptional that might interest the readers, Harry told of the background of his family name. Generally, "Schmitt", spelled as it is with a double "t" means that it is of Catholic derivation. The "Schmidt" spelling, with the "dt" ending, is generally a Protestant name. But Harry, as a "Schmitt" is the exception: he is Lutheran.

An exception he certainly is, and we give a warm welcome to this exceptional new instructor.



DMS PICNIC INVITATION

**You are cordially invited to attend
the Annual DMS Picnic
on Saturday, 5 June 1982**

**Exquisite cuisine will be served
starting at 11.30 A.M.**

**Entertainment includes:
NCO/Officer Softball Game
Powder Puff Game
Children's Activities
And More.**

**\$2.50 per adult (ages 12 and over).
\$1.50 per child.
\$10.00 maximum per family.**

**The location is the Coast Guard Station
Telegraph Road, Virginia.**

**See your
local rep for tickets:**

**SD: SFC LYMAN
TSD: SSG BATT
DCAG: MRS KERSEY
GAD: LICM PORTT
STAFF: SGM TARR**

MAIL REQUESTS FOR TICKETS TO:

**DMS
ATTN: S.D. (PICNIC)
FORT BELVOIR, VIRGINIA 22060**

**NAME:
ADDRESS:
ADULT _____ CHILDREN _____
MAKE CHECKS PAYABLE TO DMS PICNIC
ASSOCIATION**

Suds and Games and Kids. . .

by SFC Lyman

This is the final bulletin on the DMS Picnic!

The well-organized and aggressive food chairman has told me that the food will be well-prepared and there will be plenty of it. The music this year will be provided by the illustrious "Foxtrot" Nolta.

The rumor that Mr. Thomas and his machete will be there is now confirmed. He has informed us that he will definitely make his appearance. In fact, he went out and bought a brand new machete.

The beverage committee has ordered soda and suds a'plenty.

The two big favorites are destined to return this year. The Wheeler women will challenge the Bagley women in softball. Powder puff? Heck, they are going to massacre each other! (In a polite way, of course.)

(Editor's Interruption: Can we have a few more innings this year?)

Then you can watch the officers and the enlisted folks combine strategy, sneaky plays and muscles (ouch!) in an all-out grand slam. (The enlisted folks were put in charge of ordering the weather this year!)

Don't forget—closing date for



ticket sales this year is the 21st of May. See you at the Coast Guard Station on Telegraph Road on the fifth. Be there or be square (least square?).

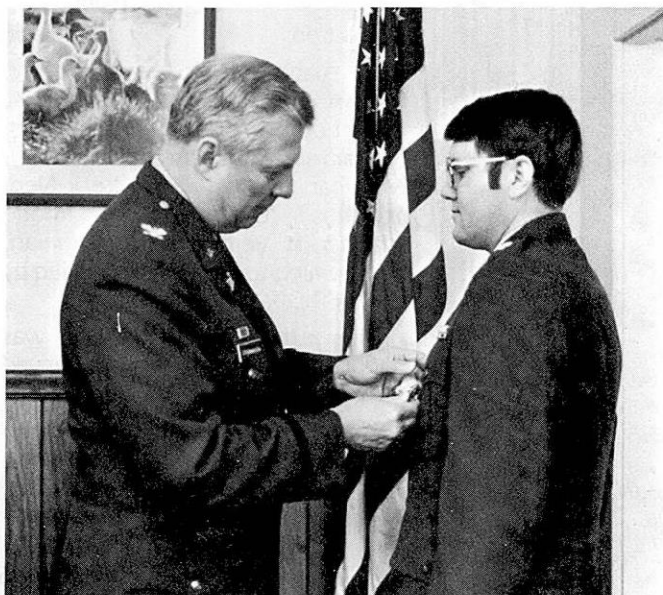
CONTOUR

Volume 9, Number 7

Defense Mapping School

May 1982

Will Embarks on CCD



“ . . . that's
Civilian
Career
Dream. . . ”

Amidst Ohio State alumni quips (from the Director) and TDE puns (from LTC Maune), we recently said goodbye to our dedicated Curriculum Requirements Coordinator, Maj Will Haverland.

The length of Will's official title was commensurate with his training achievements at the School. Will noted that "It has always been my objective here to make things better for the students" and his efforts in TDE have borne this philosophy out.

Colonel Stockhausen presented the Defense Meritorious Service Medal to Maj Haverland for his work from 1 September 1979 to 31 March 1982. The citation reads, in part: "Working closely with the military services and DMS teaching departments, Major Haverland orchestrated the review, modification and redesign of thirteen

see CCD, page 7

MG Wells Presents HQ Awards

LTC Danielson Receives DMSM



Army LTC Ralph M. Danielson (left), a native of Lansing, Mich., was recently awarded the DMSM by MG Richard M. Wells, DMA Director. He was cited for "meritorious service as research and development program officer for graphic arts development while assigned to the advanced technology division at DMA." LTC Danielson, a civil engineer, has been reassigned as commander of the 4th Battalion, 4th Training Brigade, at Fort Leonard Wood, Mo.

SSG Griffeth Earns ARCOM



SSG Robert A. Griffeth, HQ DMA Communications Center, was awarded the ARCOM for outstanding performance while assigned to the 270th Signal Company, 5th Signal Command, located in Pirmasens, Germany. SSG Griffeth's "judicious use of human resources and communications management procedures" assured the successful operation of the Automatic Digital Network Switching Center, which serves over 130 subscribers in NATO projects, according to the citation. MG Wells presented the award.

Class Notes

Class Notes

Class Notes

Class Notes

A STOMPING TRADITION. . .

. . .with the DMS Marines. "Top" Wenrich reports that the first of the USMC challenge softball matches has resulted in a resounding 14 to 3 victory over those friendly jocks in DCAG. Next challenge: USMC students.

JOHN DOES IT AGAIN!

The Community College of the Air Force recently awarded a Degree of Associate in Applied Science (in Surveying Technology) to TSgt John K. Sarles. Congratulations to our very own super troop instructor.

A La PCS Pony Express

A reminder for those of you going PCS. The U.S. Postal Service provides a special program for forwarding your mail. Just attach a copy of your PCS orders to your change of address card and leave it at the Post Office. This will authorize the forwarding of all first class mail for a period of one year and second class mail for up to 90 days, at no cost to you. Check with your Post Office for more info.

MAINE COULD BE A MAINER

Shame on youse! Working for a mapping agency and not knowing the answer to the last puzzle!

Solution:

a. Alabamian, b. Arizonan, c. Arkansan, d. Coloradan, e. Connecticuter, f. Illinoisan, g. Louisianian, h. Marylander, i. Michiganite, j. New Jerseyite, k. New Yorker, l. Oregonian, m. Rhode Islander, n. Vermonter, o. Virginian, p. Wyomingite, and q., as supplied by the DEP-DIR, Hoosier.

The puzzle for this month was supplied by Ron Perkins and is derived from a Police Cadets' Logic Test.

A murder suspect you have been assigned to investigate lives on the 15th floor of an apartment building. Neighbors are reluctant to describe

see CLASS NOTES, page 6

He lights up our life...

Fleshman Gets Suggestive

Despite his claim to resident mushroomdom (I could get away with that only because my regular proofreader is on leave), Mr. Arthur Fleshman recently turned the light on for many Bagley Hall dwellers. His suggestion to install a streetlamp behind Building 214 netted him a check from Uncle Sam and a handshake and suggestion certificate from Suggestion Board Chairman, LtCol Landry.

Those early morning flexi-timers who have stumbled into work one too many times (due to lack of light rather than lack of sleep) will thank Arthur, as will all who have a concern for the general security of the back area during night classes.

Arthur's comment? He walked to the nearest window and proclaimed: "I don't see no light."

(Not only a mushroom, but an impatient one at that.)

We'll keep you all posted when the light dawns so that Carla Davis can leave her flashlight at home.



Art, CGCM, Adds a New (Top) Hat



Art does it again! LTC Zebell presents the IPMA award to our scholar.

But the "M" in CGCM doesn't stand for mushroom!

Mr. Fleshman has chalked up another milestone in his professional career by passing the requirements for the title of Certified Graphics Communications Manager (CGCM).

Certification was made based on approval by the nationwide In-Plant Printing Management Association (IPMA), which reviewed Arthur's knowledge and experience in the field. Evidence of a "highly professional" performance standard is required before certification may be made.

Seven-year DMS veteran Art had no difficulty in fulfilling the certification requirements. He has an AA in Printing Technology, has completed many other courses, and has over 24 years of military graphics experience.

The certificate was presented by IPMA through LTC Zebell in a recent GAD ceremony.



MYSTERY PERSON

Two Sergeants Major were the first to guess that the lovely lass on Santa's knee was none other than SP5 Saunie Pegues. (Saunie recently survived a visit by Pickle Man—stay tuned to the *Contour* for an eyewitness report.)

Yep, it was Bill Locke and Jerry Watson, two inveterate lady-watchers who put all the clues together.

“Aloha” and the “islands” were both references to Saunie's pending Hawaii tour. (Hula, here she comes!)

“Cartegorically” was one of those horrible puns of which your Editor is so fond, as was “gingerly” (her daughter's name). “Planted here permanently” was a reference to Saunie's love of the green stuff (including Pickle Man?).

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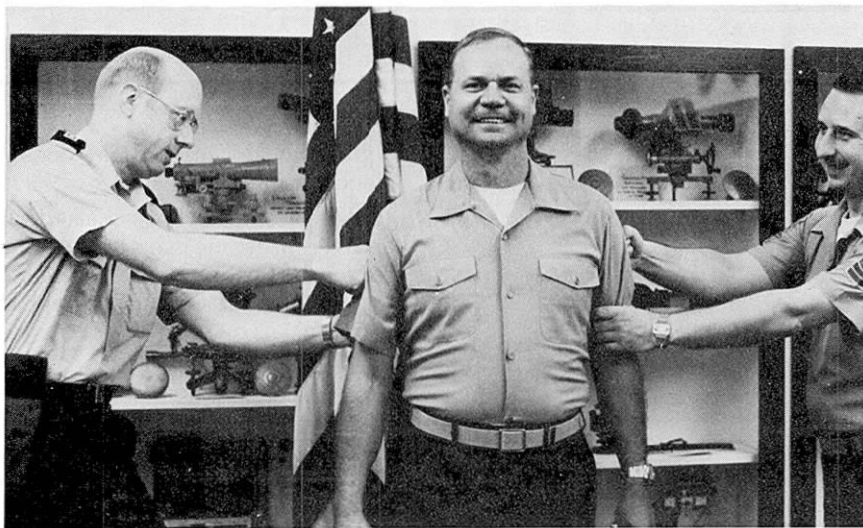
This picture may come as a surprise even to the MP himself. It was supplied by a long-time shutterbug, well-acquainted with the dark (I'll delete the name, pending any official charges).



A master operator, he is on “shore” leave now. Don't let that fool you, though, he's an Army D/TOPO type and can run a press with the best of them.

Now that you've had your fill of clues, why not give me a call? (43497)

USMC's Cook and Williams Promoted by LtCol Walls



Survey's Vernon Cook adds another stripe. . .and another rank under LtCol Wall's belt.

With the two most recent Marine Corps promotions at DMS, we aren't sure whether we should congratulate Vernon Cook, now a MSgt; Tommy Williams, now a SSgt—or LtCol Walls.

LtCol Walls, USMC Representative at Fort Belvoir, recently announced that he has now done it all—promoted every rank from E-1 to E-9. (DMS has contributed their fair share to this statistic; LtCol Walls is our “official USMC promoter”.)

MSgt Vernon Cook, an instructor in Survey since 1979, had his stripes “hammered on” by SGM Locke, and Top Wenrich (also the adjutant for the ceremony).



Now a SSgt. . .Tommy's starting his DMS tour off right.

SSgt Tommy Williams, a recent addition to GAD, is a graduate of two of our courses; the RERC and the Offset Duplicator Course. He comes to us after a tour at A Company, HQ Battalion, HQ USMC, in Arlington.

Congratulations to the new MSgt, SSgt—and to the busy LtCol Walls.

What Does TSD Do, Anyway? Plenty!

by CPT Dave Moulton

What could a department, composed entirely of officers, warrant officers, and non-commissioned officers, possibly do during a typical month?

To say the least, TSD is a unique organization within DMS. Its structures, policies and perspectives of its members make its function within the School misunderstood at times. It is hoped, by looking at its typical activities, that TSD's "Dial-A-Captain" image can be explained.

The Department is headed by LTC Desrochers and his three-person staff, including Mr. Revell, MSG Watts, and Sherry Bowers. TSD is further divided into the Terrain Evaluation Division (TED) and the Mapping/Charting Division (MCD). CINCTED is MAJ Farr and CINCMCD is Maj Cobb. TED has twelve assigned people and is oriented toward, as the name implies, the terrain analysis function. MCD has ten assigned folks and is responsible for officer and/or management-oriented courses.

LTC Desrochers' activities cover a wide range of military and civic duties. His position makes him a member of the Academic Review Committee and budget meetings within DMS. He is the primary briefer for tours that go through TSD. He is also active in many Belvoir functions, including acting as DMS representative to the Officers Club, member of the Family Housing Council, and President of the Markham PTA.

Mr. Revell, in addition to his administrative responsibilities, receives requests from around the world for solutions to Analytical Photogrammetric Positioning System (APPS) questions. Sometimes these questions are relatively simple and can be answered by merely recalling some of his long experience with the System. Other times, rather extensive research has to be

completed, particularly when new components or functions are being considered. The following list provides a flavor of the requests Mr. Revell receives: Fleet Marine Forces Atlantic—APPS maintenance; USN—planning and scheduling for retrofit; USMC—engineering applications of the APPS used with a plotter; USN, USAF, USA and USMC—integrated logistics program; USA—application of the APPS in the Topographic Support System (TSS); White House Military Office—precise positioning techniques; Canada—APPS input for an interactive graphics system.

The people in MCD and TED are divided into specific areas of expertise. Instructors are responsible for developing and writing lesson plans as well as teaching, and sometimes managing, courses.

TED is responsible for the Warrant Officer Terrain Analysis Course (WOTAC), managed by CPT Quick and WO1 Seeley; the Terrain Analysis Course (TERANL), managed by CPT Lane and CW2 McCrory; the MC&G segment of the USAES Engineer Officer Advanced Course (EOAC), managed by CPT Loomer and CPT Mack; the DMA Warehouse Operations Course (DMAWOC), managed by CW2 Price; and the Digital Topographic Data Course (DTD), managed by CPT Loomer.

Major Farr, Chief of TED, has been spending most of his time assisting the USAES through the Directorate of Combat Developments on a special project directed by the Office of Management and Budget. MAJ Farr has been tasked with preparing the terrain analysis portion of the Mission Area Analysis, an assessment of what the USA will need to meet the projected threat in 1992. Although MCD has overall responsibility for the MC&G Officer Course, TED develops and presents the terrain analysis portion of this

course.

The nature of instruction given in TSD can also be shown by looking at the amount of coordination required for a single course like WOTAC. The following contacts were made: Waterways Experiment Station; USA Assistant Chief of Staff, Intelligence; Defense Intelligence Agency; Forces Command; 330th Tactical Airwing; HTC; MER-ADCOM; and Texas A&M University. Instruction must be current. Very few courses in TSD are taught the same from one class to the next. They must evolve as the technology and philosophy in MC&G change.

Because the personnel keep up with current issues, TSD frequently receives inquiries from other organizations where MC&G decisions are being made. Examples include reviews of field and technical manuals; TSS development; and doctrine rewrites. The necessity for current information leads to projects like briefing the Director of DMA on TSS, as CPT Quick has done recently. Another example is the USAES project to procure the Hewlett-Packard 41C calculator for the USA Engineers. CPT Loomer provided information and original programs to the USAES to aid their evaluation. In the process, he saved the Army an estimated \$50,000 and two years of work on development.

In addition to instructing, TED instructors are redesigning the TERANL Course into a Basic Terrain Analysis Course (BTAC) which will meet the Army's new 81Q, Terrain Analysis MOS, requirements. They are also designing a new Advanced Terrain Analysis Course (ATAC) which will become a follow-on to the BTAC.

What does TSD do? They do so much, this article will be continued in the June issue of the Contour with an emphasis on MCD.

In Search of Ancient...Topo Types

It took only the teeniest bit of spring fever, discussions on the upcoming DMA decennial, and the presence of a couple of charter members in the same room at the same time. In short order the conversation turned to—old friends.

Quite a few oldtimers still walk our halls, but there are some folks who we've simply lost touch with throughout the years. We are planning a luncheon to help commemorate our tenth, and we would love to see all of our old friends there.

We are especially interested in tracking down our charter members (those who were assigned to the School as a military or civilian member on 1 July 1972).

The luncheon will be held at the Main NCO Club (Ballroom), here on Fort Belvoir, on 25 June 1982, 1100-1500. It will be in buffet form (approximate cost \$5.00) with a cash "liquid refreshment center".

We will be extending personal invitations to all past DMS directors and there will be a few other special events to mark the decennial.

If you would like to come to the luncheon, or can provide some information on the whereabouts of charter members, please drop us a line. (Even if you cannot attend the luncheon, we would love to hear from you.)

Bring your camera and your memory. Forget the name tags—we can spot a purple topo-type anywhere!

Yes, I'd love to come and create some new memories at the DMS Decennial Luncheon.

Name _____

Address _____

I was assigned to DMS from _____

Charter member? _____

The Smith Success Departs!

It was not only farewell to a warmhearted friend but farewell to a DMS success story as we all gathered to send off Judy Smith to her new job as Budget Analyst with the Defense Systems Management College.

To understand why we are all so proud of Judy we only have to consider how far she has come with her career. She started at the School as a secretary (steno) in the Office of Budget and Management in April of 1974, after working across the street at ETV.

In December of 1976, the secretarial slot was abolished and a GS-5 Budget Analyst position opened up. Judy, already interested in a budget career, applied for the job and was selected. After much OJT and formal schooling, she reached her full performance potential this year as a GS-11 Budget Analyst.

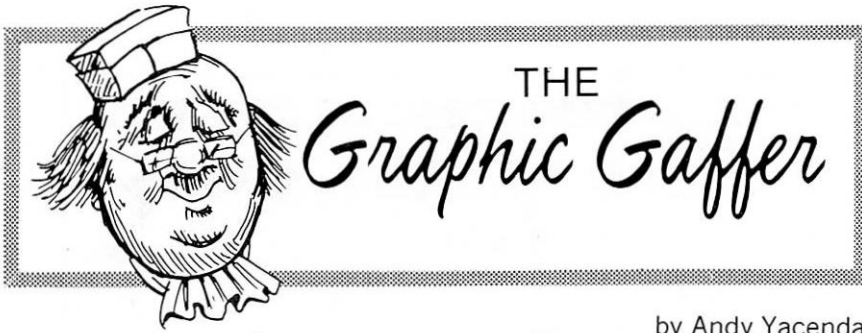
In recent months, she has handled the responsibilities of the DMS office singlehandedly. As LtCol Landry noted: "She has just done a super job and really helped us out in time of need."

CLASS NOTES, from page 2

the man to you, but they do provide some information on a rather curious habit that the man has that should enable you to spot the man in an average crowd.

This is what they tell you: He always rides the elevator all the way down from his apartment. But when he goes back up to the 15th floor, he rides only to the 7th floor, gets out, and walks the rest of the way.

What do you now know about the man that will help in your investigation?



THE Graphic Gaffer

by Andy Yacenda

Have you ever run out of something, like litho plates, or had a press break down and not have a replacement part? Did you ever receive a project that was unique and nobody in your organization had the experience to print it?

I'm sure all of the printing units, regardless of Service, have encountered such problems (perhaps not frequently, but usually at the most inopportune, unwelcome times.

For example, once in the 29th Engineer Battalion (TOPO), our Sabre IV paper cutter's safety pin broke—at the time we were in the process of trimming an important project. Fortunately, a local military counterpart had a similar cutter and

an extra pin which fit our cutter. We borrowed the safety pin, completed our project on schedule and repaid our counterpart when our parts' request was filled (three weeks later).

Of course, good management could minimize the frequency of these types of problems, but it helps to be prepared for the unexpected. It is the old Murphy's Law in practice that will get you every time. Since you can't protect yourself against every possible "unknown", it helps to have friends in sister organizations and Services to which you can turn when you need some assistance, even if it's just for a little information. To help you out we have compiled a list of Service

printer counterparts, including telephone numbers and names when possible. The list contains most of the major printing organizations in the U.S. which are co-located with other, similar, organizations. If you look hard enough you may find your unit on the list.

If the list proves popular, we can periodically provide an update, so keep us informed of any changes, additions or deletions.

For your copy of the list, write to:

Director
Defense Mapping School
ATTN: PIO
Fort Belvoir, VA 22060

Special thanks to WO1 Osborn, LIC Ford, MSgt Joncas, and SSgt Gray for providing their time and effort to develop this list.

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CCD, cont. from page 1

resident courses and the creation of six entirely new courses to meet the changing needs of the Army, Air Force, Navy and Marine Corps. His conscientious efforts and attention to detail contributed significantly to the efficiency and effectiveness of the School's curriculum."

With his departure from DMS, Will is also completing his Air Force career. Prior to his time with TDE, he served as Techniques Staff Officer with GSS and as a Senior Project Officer with the Rome Air Development Center. He was also the Operations Officer/Commander of the Geodetic Survey Squadron's Detachment 1 from 1965 to 1969.

"I've known Will for about half his career," said LTC Maune, "and as he goes out on his new CCD--Civilian Career Dream--I hope he can satisfy all of his life's objectives." (Should this be known henceforth as TDE "Haverlanguage"?)

In speaking of his years in the

Service, and especially of his time at DMS, Will remarked: "I feel as if I've gained a broader perspective on life and I'm grateful that I've gotten to know so many different types of people."

We don't need to say that we were similarly lucky to know Will and we wish him and Mary Anne all the best in their new "CCD".

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Fort Belvoir, VA 22060

Director:
COL William Stockhausen
Editor: Linda Stacy

PBO Chief New Chief of Staff



Good news for a former DMS chief!

COL H. Paul Johnson is the new chief of staff at HQ. Formerly chief of the Land Combat Division at HQ, he relieved Army Colonel John Lund, who retired 31 March.

Colonel Johnson was assigned to DMS from 1978 to 1980, serving as Chief of Plans, Requirements, and Technology, and later, as Chief, PBO.

He is a member of the Class of 1958 of the U.S. Military Academy at West Point and holds an M.S. in Civil Engineering with a minor in Geodesy from Ohio State University. He is a 1974 graduate of the Command and General Staff College.

After duty as a junior officer in the



DEFENSE MAPPING AGENCY
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PA

30 APR 1982

SUBJECT: Armed Forces Day

TO: Director, DMA Aerospace Center
Director, DMA Hydrographic/Topographic Center
Director, DMA Office of Distribution Services
Director, DMA Inter American Geodetic Survey
Acting Director, DMA Special Program Office for Exploitation
Modernization
Director, Defense Mapping School

1. It is fitting that one day each year is set aside to salute those men and women who serve in our Nation's Armed Forces throughout the world.
2. At the Defense Mapping Agency, the traditions of military mapmaking date from the earliest days of the United States, traditions developed by a working team of military and civilian personnel which is stronger today than ever before.
3. As we at DMA observe our decennial year, let us reflect upon the efforts of those who marked the trail before us, and rededicate ourselves to the challenge that lies ahead in the vital area in which we work.
4. To all those military and civilian members of the Defense Mapping Agency who contribute so significantly in support of the Armed Forces, I send my personal best wishes and my appreciation of the job being done so well by DMA people around the world.


RICHARD M. WELLS
Major General, USA
Director

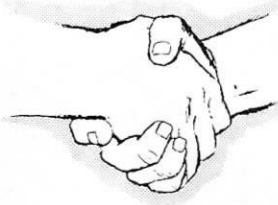
Pacific, including service as project engineer for Southwest Pacific Survey, and a tour as mathematics instructor at West Point, he served as executive officer of the 864th Engineer Battalion (CONS) in Vietnam during 1968 and 1969. Tours as the deputy district engineer at Vicksburg, Miss., and deputy corps engineer, III Corps at Fort Hood, Tex., were followed by service as MC&G officer, HQ, U.S.

European Command, Stuttgart, Germany, from 1974 to 1978.

Colonel Johnson holds the Bronze Star Medal, the Defense Meritorious Service Medal with Oak Leaf Cluster, the Meritorious Service Medal, Army Commendation Medal and the Air Force Commendation Medal.

Colonel Johnson and his wife, Paula, live in Lorton, Virginia.

Have We Met?



SFC Don Walters



by Al Yovorsky

All of the instructors in the Photo-lithography and Repair Division of GAD were given a boost with the recent addition of SFC Walters.

SFC Walters, his lovely wife, Chris, and their two little Walters come to us from the Printing Publications Center in Korea. Don was the supervisor of the Offset Press Section during his one year tour. A native of Henderson, Kentucky, Don has also served in Vietnam; Germany; Fort Sill, Oklahoma; Fort Bragg, North Carolina; and Fort Knox, Kentucky. This is his second tour at Fort Belvoir and DMS. Don departed here as a Master Instructor and taught in the Offset Press Division.

Don enjoys golf and bowling. He also wants to complete his college degree at Montgomery College in Printing Management. We heartily welcome back SFC Walters to the DMS family and wish him every success in the future.



Ah, but was she a cheerleader?!

Betty Callicotte

Our new Personnel Management Specialist is a Texas lady, born and bred—and a dyed in the wool Dallas Cowboys fan.

Betty Callicotte, who arrived last December from the Department of the Interior, spent eight years in the Air Force as a Personnel Officer.

A graduate of Texas Woman's College at Denton, and of the University of Utah, Betty holds a bachelor's degree in general business and economics, and a master's in human resource management.

After leaving the Air Force, Betty spent a tour of duty as an administrative officer with the American Embassy in Brussels, Belgium.

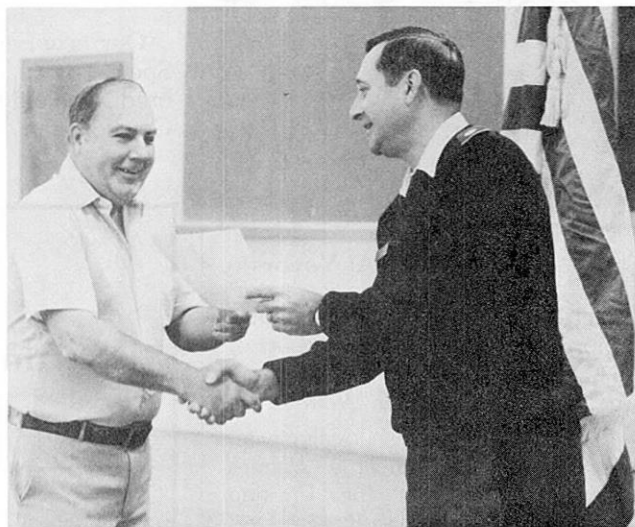
Her return to the D.C. area has afforded her an opportunity to enjoy a wide variety of cultural activities, especially the theatre. Besides watching the Cowboys, Betty also enjoys basketball, volleyball, aerobics and jogging.

Betty says she enjoys her work and describes herself as a "real people person". But in introducing Betty, we must also welcome Sasna, her much-loved Himalayan cat.

DMS Softball Schedule (American League/Eastern Division)

| DATE | TIME | FIELD | HOME TEAM | VISITOR TEAM |
|---------|------|---------|---------------|--------------|
| 17 May | 2000 | Specker | A-3 | DMS |
| 19 May | 1830 | Specker | HHC-3 | DMS |
| 24 May | 1700 | Specker | HHC-ECB (SJA) | DMS |
| 26 May | | Specker | DMS | BYE |
| 2 June | 1700 | Specker | DMS | EOBC 5-82 |
| 7 June | 1830 | Specker | DMS | B-1 |
| 9 June | 2000 | Specker | DMS | EOAC 3-82 |
| 14 June | 2130 | Specker | DMS | A-1 |
| 16 June | 2130 | Specker | HHC-1 | DMS |

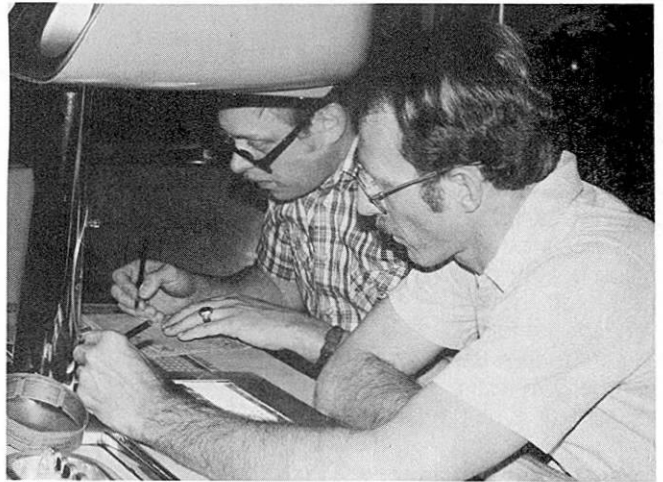
Recognition For Those Great DCAG Folks



Civilian and military honors highlighted a recent DCAG ceremony. Bev Eppolito received an SSP Award; Howard Shaw and Gene Murray both received Quality Salary Increases. WO1 Sampson was awarded his Master Instructor Certificate and SSG Sandy Rivella received a Good Conduct Award. Steve Falkenthal (not pictured) was the recipient of a Letter of Appreciation for work on the last ITC. Congratulations, all.



Did Ron bowl the
O/C's over—
or vice versa?
See page 10.



CONTOUR

Volume 9, Number 8

Defense Mapping School

June 1982

Sampson Appointed to WO

WOPA was all geared up to add former SSG Louis Sampson, now WO Sampson, to its ranks when he was snatched away for his next tour at the Aberdeen Proving Grounds.

Surrounding well-wishers at the DCAG appointment ceremony included COL Stockhausen and a civilian Kathy Gerhart. The entire Sampson family was also there to wish Papa well: Charlotte, Matthew (that's Matt looking up as Louis and Barbara kiss), Leonard, and baby Joshua.

Notable in anecdotal history was Louis' appointment on the same day as the DCAG Bowling Tourney (Officer/Civilian versus Enlisted folks). This sparked LTC Valvo to quip: "Well, Louis, we've given you your customary ten seconds to decide if you want to reenlist after

your discharge as an EM. I have one other important question to ask: what's your bowling average as an Officer?"

The new mister was also the recipient of the JSCM in a separate ceremony, awarded for "exceptional abilities as an instructor, technical writer and counselor." Louis served at DMS from 25 September 1979 to 21 May 1982, during which time his "initiative and creative abilities enhanced instruction and served as a model for his contemporaries."

In answer to the call for "Speech! Speech!", Louis commented: "I tried to stay, but they told me no. I've really enjoyed myself here, and now I have to learn how to survive outside of DMS—with the trucks and the DMA Production Centers, the

see WO, page 9



Class Notes

Class Notes

Class Notes

Class Notes

ON THE BALL . . .

In the latest contest pitting age against beauty, brains against brawn, and wits against wincies, MGySgt Ron Wenrich dutifully reports that the Marine Student Battalion triumphed over the DMS Marines 10 to 9. Better luck next time to the DMS few and proud.

HAWAIIAN REUNION--SORT OF

Former members of the 652nd (29th) Engineer Battalion who served in Hawaii will be holding a reunion on Sunday, 29 August. The event will be hosted by former battalion members who are now stationed at Fort Belvoir, and will be held at the Castle Recreation Area.

NEW ARRIVALS

Justin Cummings, weighing in at 8 pounds, 14 ounces, was born to SGT and Mrs. Carl Cummings on 1 June 1982. SGT Cummings is an instructor in SD.

Philip Michael Antonio Yoakem, born on 10 June and weighing 7 pounds, 14 ounces, is the first son and only child of Capt and Mrs. Steve Yoakem.

Congratulations to both sets of parents.

Any former members wishing to attend should contact either WO William J. Harnden, or WO David G. Osborn, U.S. Army Engineer School, ATTN: ATZA-TDI-T, Fort Belvoir, Virginia, 22060, or telephone 664-1831.

SPRING PRANKS

Lest you suppose that Pickleman was the only product of the recent wave of spring fever, let me relate a few other flights of fancy.

On the staff side, MSG Jack Del Barto recently walked in one morning—straight past the dark crepe paper, sparkling French-spring water, candles, and DMS flower garden daffodil—to a cake which proclaimed: "In Memory of Jack Del Barto" with the dates of his DMS tenure. Departing Jack, who is headed for shrimp gumbo, jambalaya, and other Fort Polk delights, was

already being mourned by office mates. It will not be the same without "Back off, Bucko", ringing throughout AMS.

BUT WAIT, THERE'S MORE

TSD, even sans CPT Tuttle, has been at it again. The simultaneous leave-taking of MSG Marlin Yelton and CW2 (P) Dave Miller prompted the laying of a ceremonial white sheet over the desks of the pair, and a sign that proclaimed: "APPS". On the left side of the desks, another notice proclaimed "MIA"; and on the right side, a sign said "Just plain lost".

FOLLOW THE MASKING TAPE

SSG Ted Poulson, who has had more than his share of minor mishaps of late, was treated to a series of masking tape marks leading to his desk from the TSD hallway. Comments such as "Hard hat area" and "This way, Ted" were designed to get the SSG, in one piece, from hall to desk.

SPIKED PLAYERS

Not on the prank list, but still of note, are the alarming number of limpy folks roaming the halls as a result of GAD's recent volleyball PT

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Director:
COL William Stockhausen
Editor: Linda Stacy

SSG Sandra Rivella
and SSG Terry Burris,
Operations NCO of the
584th Engineer Battalion,
were wedded on 29 May
1982.

We wish Sandra and Terry
a long and
prosperous life
together.

tournaments on Wednesday afternoons. Kneecap condolences to LIC Bob Ford and SFC (P) Rick Cruz.

THE BIG (P)

Congratulations to the following "promotables": LtCol Charles Landry, Capt Steve Yoakem, CW3 Tom Nolta, CW3 Chris Nohe, and CW2 Dave Miller.

AND A BOOST FOR CD!

Congratulations, on the civilian side, to Ms. Carla Davis, a charter member, on her recent promotion to GS-9. Way to go, CD!

BELVOIR, HOLLYWOOD, CA.

A recent Speakers' Bureau visit by Sue Kersey netted the following thank you letter from a well-informed grade-schooler:

"Dear Mrs. Kersey,

I know a show called Private Benjamin. She is so funny. I wonder if Fort Belvoir is on her show. Thank you for coming to the school

Love, Brandy"

BELATED BEST WISHES TO . . .

Cliff and Mary Goins, who were married on 24 April. Mary was a summer hire several years back, when we knew her as Ms. Orevik. The couple resides in Lorton, Virginia.

JACK BARTS. . .

was not the answer to the last

see CLASS NOTES, page 8



Saunie In A Pickle With DCAG

"Well, I'll be dilled!"

"No, you've been pickled!"

by Sue Kersey

Amidst friends, food, and fond farewells, Saunie Pegues had her final fling at DMS. Oh! What a send-off! For all of you who haven't heard the *real* facts, here they are!

Saunie has always been a special person to DCAG, always a kind word to say and always dependable and thorough in her work. And being the way she is, Saunie thought a nice, quiet, potluck luncheon in DCAG would be a lot nicer than a big bash at some local establishment. So, to honor her request, Barbara Windland organized a really nice luncheon. Simply everyone was there! Quite a nice turn out from every department, and some former DMS folks, too.

One of the highlights was a special cake Dave Gibson brought. The icing depicted Saunie surfing and Magnum, P.I., on the shore holding the top to her bikini. Silly Saunie! She thought *that* would be the party highlight.

The luncheon progressed smoothly—really good victuals. Denny went back three times, but we lost count on Steve and TJ.

From the back of the room came a young man asking for the owner of a little green car that had been hit in the parking lot. After several questions, it was identified as Saunie's! The observant young man, realizing Saunie was working up a twit, assured her he could correct the situation.

"This situation calls for the



superior and magnificent talents of PICKLEMAN!" he cries, and with that, he rips off his shirt, drops his pants, and becomes the authentic, original savior of womankind, hero of the human world.

Saunie's surprise and accompanying shock of the gentleman stripping on stage were quite evident. Was it fear or anticipation that made her speechless?

Pickleman, clad in his green and yellow-caped outfit, was not deterred by the uproarious laughter of the audience—or by Saunie's lack of composure.

The pickled, uh, tickled, Saunie was awarded an official pickle hat and pickle tooter to accompany *The Pickle* as he sang and danced. A special pickle song, to the tune of "Stars and Stripes Forever" gave us all a chance to participate in a true, historical DMS event.

Saunie's presence of mind

returned a bit during the tambourine number, but not yet to the extent where she could speak. Very little of the crimson had left her face yet, either.

Pickleman was interrupted by LTC Valvo making a remark about the name of our green visitor, whereupon our hero momentarily stopped the show and said: "Would I laugh at a name like yours?"

Finally, Saunie was given her Picklegram, a telegram-style message saying "aloha" and something about bananas.

Order slowly overcame the room as Pickleman assured Saunie that this show was sponsored by her friends in DCAG. He packed away his pickling gear and wished us all a merry pickle.

What an act to follow! LTC Valvo, in his own little green outfit, presented Saunie with globe

see PICKLE, page 4

PICKLE, cont. from page 3

bookends as a memento from DCAG. He acknowledged her contributions to the Department and the School and wished her well. Saunie managed a few words of thanks interspersed with giggles, thereby prompting LTC Valvo to ask if she had a date with the big "P".

Was this to be the end of Pickleman? Could he have made an even bigger impact on DMS than we had ever imagined? Did he really see "STARS" as he left the building? See his Colonelness for these answers and more.

The best prevention for tears must be laughter, and without Pickleman's appearance, more than a few folks at Saunie's luncheon may have succumbed to a weepy farewell.

Saunie has spent her entire military career at DMS, and if her work here is any indication, she has a wealth of accomplishments to come.

She came on board in August of 1980, after completing Basic Cartography as a Distinguished Graduate. Since she was signed on as an instructor, she has logged much time on both sides of the lectern, graduating from the Terrain Analysis Course (in which she was a Distinguished Graduate); the APPS course; the Cartographic Supervisors' Course, and the NCO Development Program. She has also earned a Master Instructor's certificate, and, in 1981, was named as the Enlisted Person of the Year.

In tribute to these tangible accomplishments, and in honor of all the personal effort Saunie has made toward the morale of the School, Saunie was awarded the Defense Meritorious Service Medal.

The citation reads, in part: "Her friendly and patient attitude toward her students, along with her dedication to helping slower students, serves as a model for her contemporaries and has resulted in the graduation of higher qualified personnel from the School."

What is left to say but: "Aloha, Saunie, Aloha Hawaii". (And "Aloha, Tom Selleck"?)



D-A-C Original Departs

We've lost another D-A-C TSD original—to the University of Wisconsin. CPT Scott A. Loomer, who joined TSD as an instructor in January of 1980, is packing up his wife Judy, and new baby, Jennifer, and heading out to complete his graduate degree.

In a recent Departmental ceremony, CPT Loomer received the Defense Meritorious Service Medal for work accomplished as an instructor of Photogeology in the Terrain Evaluation Division, from 4 January 1980 to 31 May 1982.

The citation reads, in part: "Throughout his assignment, CPT Loomer demonstrated exceptional ability as an instructor, author, aggressive innovator, and expert in the field of topographic sciences. His initiative, keen sense of responsibility, and incisive intellect were key factors in maintaining the high technical proficiency and expertise of the Defense Mapping School."

CPT Loomer also received a letter of appreciation, forwarded by COL Stockhausen from COL Louis J. Circeo, the Commander and Director of the Construction Engineering Research Laboratory,

Corps of Engineers, Champaign, Illinois.

CPT Loomer's work at the Construction Engineering Research Laboratory (CERL) dealt with the use of programmable pocket calculators by combat engineer units.

The letter reads, in part: "CPT Scott Loomer has been eminently successful in contributing to CERL's programmable calculator objectives in two ways. First he has written a program for the HP-41 that can be used in conjunction with the FM 5-34 to do bridge classification. This particular application had been identified as a high-priority application, but until CPT Loomer tackled the problem, no one had discovered an easy way to program the solution. . . . Second, CPT Loomer developed a family of standard sub-routines that are common to most programs. Use of the standard input/output and utility routines also contributed greatly to the efficiency of the CERL-developed programs."

We wish the Loomers all the best as Scott continues his education—and can only hope that we'll see him back in our halls again someday.

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(DMS REG 4146.1)

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|-----------|---|

| | | | |
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|----------------------------------|----------------------------|--------------|---------------|

| STOCK NUMBER | NOMENCLATURE | UNIT OF ISSUE | QTY REQ'D | UNIT PRICE | QTY REC'D | QTY BK-ORD'D | TOTAL COST RECEIVED |
|--------------|--|---------------|-----------|------------|-----------|--------------|---------------------|
| | <h2 style="margin: 0;">The Air Force Supply System? Says Who?</h2> | | | | | | |

During the past year, DMS has undergone a change in the procedures used to obtain supplies and equipment. Some of the "old timers" have voiced complaints and a common statement to be heard throughout the School is: "It will never work!"

In 1978 DMA determined that the Air Force Standard Base Supply System would be the most cost effective and easily adaptable supply operation for DMA and its components. This system was chosen because it provides the control and response required, via computer, to obtain and manage the assets required to accomplish the DMA mission. The changeover took longer in some components than others and DMS did not realize the "brunt of the blow" until approximately May of 1981. The arrival of the new Chief, AMS-S, spurred the changes on. Slowly, but ever so surely, DMS is finding out it can operate under the new system—and more efficiently, in most cases, than it did before.

In addition to the Chief, the Supply Division is assigned seven other employees to accomplish its mission, a mission which is extremely critical to the overall DMS mission. AMS-S must insure that logistical functions pertaining to supplies and maintenance are accomplished in a timely and efficient manner so as not to hinder, in any way, the overall instructional and staff functions of DMS.

Strictly from the supply aspect, AMS-S has the responsibility for the financial management of approximately \$270-300K for expendable supplies, and \$80K for minor equipment.

The Investment Procurement Program, once approved, requires supply action to insure that all items are requested, committed, obligated, and, finally, received within specified time frames. These responsibilities require daily contact with the HTC Logistics Office as the School's supporting office in the separate areas of both Supply and Procurement & Contracting. The Program also requires that the duties of the Project Funds Management Report Manager be carried out. This requires frequent contact with the Comptroller's Finance and Accounting (CMF) office at HTC in order to justify priority requirements, clarify problem areas, and insure funds are properly managed to stay within budgetary restraints—while still providing the supply support required to operate DMS.

Currently AMS-S maintains approximately \$50K of on-hand expendable supplies to support the day to day operation of DMS. This on-hand stock occasionally fluctuates according to class instructional requirements. One course of instruction may receive \$9-11K worth of expendable supplies for one class. Because stocked items are now kept at 90 day levels, a rapid

turnover is normally the case. Computer listings assist in supplying the required status to manage the overall Operational and Maintenance (O&M) reimbursable stock fund operation.

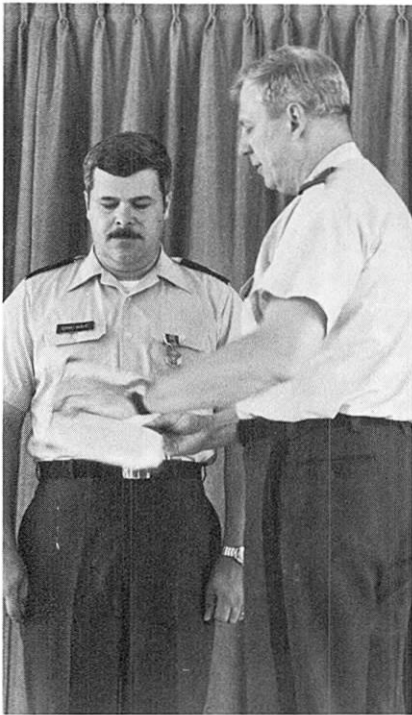
Minor equipment (items of equipment costing less than \$3K) and investment equipment (items costing in excess of \$3K) are no longer controlled by manual update of the Property Book. All DMS equipment items have had their accountability transferred to the computer at HTC-LOS. This accountability method provides computerized Custody Receipt Listings for seventeen equipment custodians. The approximate value of DMS equipment on hand and currently on back-order is in excess of five million dollars. The computer automation of our equipment will insure a more accurate audit trail.

Maintenance is another key responsibility of AMS-S. The division acts as the facility coordinator (FACO) for DMS on all matters pertaining to building and utility maintenance, minor new construction, preparation of facility work orders, and project submission. These tasks require close coordination with the Fort Belvoir Facilities Engineer in such areas as priority assignment, follow-up, and, when necessary, coordination of fund transfer so that

see AF SUPPLY, page 8

Remember Do Maine?

by CPT Kukoski



This sounds like the battle cry of an old rough rider, but it is Sergeant First Class Harold Domingue trying to get his students to say his name, not as you spell it, but as you hear it: "Remember do Maine".

SFC Domingue, new Construction Drafting Instructor, is not just any rough rider; he has been a topo surveyor. In fact, someone might remember him as a private first class with the HHC 656th Topo Battalion, Germany.

You could say that SFC Domingue has returned to his roots. He says, "I'm glad to be back in the family. DMS is like an ivory tower, a place you want to be assigned—but the Army just never assigns you there."

SFC Domingue has had previous tours as a construction surveyor and construction operations sergeant in such places as Korea, Hawaii, and Fort Rucker.

Now that he has just graduated from ITC and has a wealth of field experience, he eagerly awaits his first lesson and the opportunity to extend some of his field experience

to Construction Drafting students.

Let's give a hearty welcome to the old rough rider and his family: Chunha, Danielle, and Christopher. Remember Do Maine.

In a recent School-wide ceremony, COL Stockhausen presented the Army Commendation Medal (First Oak Leaf Cluster) to SFC Domingue for work accomplished on his last tour. The citation was awarded for SFC Domingue's work as a Platoon Sergeant, Vertical Construction Platoon, Company C, 46th Engineer Battalion (C) (H), 1st Aviation Brigade, United States Army Aviation Center and Fort Rucker, Fort Rucker, Alabama.

The citation reads, in part: "His outstanding leadership, initiative, professionalism, and enthusiasm upgraded his platoon's performance to an exceptionally outstanding level. Sergeant Domingue's management skills were instrumental in completing major construction projects in support of Fort Rucker."

Congratulations, SFC Do Maine!

Victory For Ed!!

Proving once again that we can get teed off with the best of them, the *Contour* is proud to announce a victory by SSG Ed Williams, DCAG, at the recent HTC Golf Tournament.

Ed shot a 95, thereby taking first place in B Flight (91-100 strokes under the Callaway System). Ed played in a field of 124 participants and received a trophy and a cash prize for his win.

Ed relays the following praises for his teammates:

"I would like to thank Paul Lynn for explaining that a golf ball beside a copperhead is an unplayable lie; Mark Windland, for telling jokes on the greens and tees (just when I was about to hit); Gene Rudy, for not hitting me with his golf clubs when he was throwing them; and last, but not least, Kathy Gerhart, for tallying the scores."

DMS Softball Schedule (American League/Eastern Division)

| DATE | TIME | FIELD | HOME TEAM | VISITOR TEAM |
|---------|------|--------|-----------|---------------|
| 28 June | 2045 | Pullen | DMS | HHC-ECB (SJA) |
| 7 July | 2045 | Pullen | EOBC 5-82 | DMS |
| 12 July | 1815 | Pullen | HHC-3 | DMS |
| 14 July | 1815 | Pullen | EOAC 3-82 | DMS |
| 19 July | 1700 | Pullen | A-1 | DMS |
| 21 July | 1700 | Pullen | DMS | HHC-1 |

What Does TSD Do? (PART II)

by Captain Moulton

MCD is responsible for the Mapping, Charting and Geodesy Officer Course (MC&GOC), managed by CPT Robinson; the MC&G Senior Officer Course (MC&GSOC), managed by Capt Moulton and LT Gunderson; the MC&G Key Personnel Orientation Course (MC&GKPOC), managed by CW2 Ruetze; the Analytical Photogrammetric Positioning System Course, managed by CW2 (P) Miller; and the MC&G portion of the Engineer NCO Advanced Course (ENCOA), managed by CW4 Rottman. LT Gunderson is currently designing a Hydrographic Survey Course, which is scheduled to be taught for the first time starting in October 1982 to Marine Corps students from the 2nd Topographic Battalion.

The MC&GKPOC is a good example of the flexibility of instruction given in TSD. The course is designed to meet the unique needs, usually of a single student, not met by any other course or to meet the time requirements of a student who cannot attend a regularly scheduled course. The course length has varied from two days to five weeks and has included the current Director of the Inter-American Geodetic Survey and a past Commander of the 30th Engineer Battalion.

Unlike the MC&GKPOC, the MC&GSOC is primarily taught by guest speakers from the local area, St. Louis, and Canada. In this two-week course, students have the opportunity to meet the MC&G decision-makers in DMA and the Military Services. Its list of graduates includes the current Directors of the

Director of the Canadian Department of Cartography, and

two members of the Federal Republic of Germany's Military Staff.

The MC&GOC uses more of MCD's resources than any other course taught in the Division. It is the Military Occupation Specialty (MOS) qualifying course for both Army and Air Force MC&G officers, and is also attended by personnel from the Navy, Marines, National Oceanic and Atmospheric Administration, other DoD Agencies, and allied countries. The course is taught three times a year, is fourteen weeks long, and its students range from Warrant Officers to Lieutenant Colonels. Every facet of the MC&G profession is included with enough technical instruction to provide the student with the background knowledge with which to manage MC&G resources and activities, no matter where he or she may be assigned within the military services, DoD, or worldwide.

Responsibility for teaching the APPS, for which there are no authorized instructor positions, requires a large investment of TSD's manpower and resources. In addition to teaching the two-week course six times a year at DMS, the course is taught as a Mobile Training Team (MTT) course for one or two weeks, depending upon user requirements. Eighteen APPS-related MTT's have taken place during the past eighteen months and have covered locations within the U.S. and from Germany to Korea outside the U.S. This, coupled with the fifteen terrain analysis, distribution, hydrography, or cartography MTT's and TDY's over the same period has kept TSD personnel on the road almost constantly. TSD is also responsible for Resident Training Assistance

(Continued from the May issue of the Contour.)

(RTA) instruction on weekends to reserve units which further taps TSD's resources.

In comparison with the rest of DMS, TSD has a relatively low productivity. Productivity is usually measured by comparing students taught with instructor manhours; or comparing platform time versus total time. Because TSD's classes are small (except for the sixty-student EOAC), and because most of the instruction is education, rather than training, these comparisons make TSD look highly suspect. However, when course management and preparation for education rather than training are considered, taking into account instruction provided to military services throughout the world, TSD is kept very busy. Also, because of its active MTT program, particularly in the areas of Terrain Analysis and APPS, TSD is instrumental in giving DMS high-level, worldwide visibility. This is important in the School's evolving growth in providing the services with the training and education they need to complete their respective missions.

The Topographic Sciences Department is proud of its ability to meet the educational needs of a small, but influential, group of military professionals. This is a task which requires the TSD staff and instructors to know all phases of MC&G activities throughout the world. It also requires the ability to look ahead to meet the needs of the student who is asked to manage a dynamic and increasingly important area of our national defense.

Now, what was the question I was going to answer? Oh, yes, what does TSD do???????

SSG Bob Adkins was indeed promoted in a recent (?) DCAG ceremony. The new SFC, shown here handling the new stripe with a smile, has been a Construction Drafting instructor since the fall of 1980.



CLASS NOTES, from page 2

puzzle, simply because he does not live in an apartment building. But many of you have the innate capacity, judging from the number of correct answers I received, to go join the L.A. Police Force.

I do wonder, however, how SSG Ed Williams knew the answer before the paper was totally distributed. (A better detective than most!)

Other quick guessers included Maj MacPherson in TDE, and Mr. Marvel in GAD.

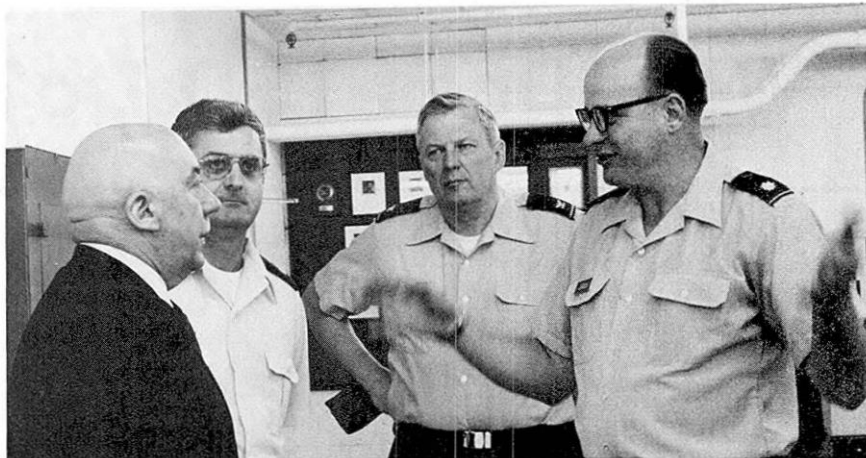
The answer, of course, was that the fellow was a midget, and could therefore only reach the elevator buttons for the lower floors.

The puzzle for this issue was supplied by Maj MacPherson. If you arrive at the correcto numero—or think you have—crow three times on 43497:

"If a hen and a half lays an egg and a half in a day and a half, how many eggs do six hens lay in six days?"

HAPPY ANNIVERSARY

... to Joyce Zieres, SD's "Momma", who recently celebrated her 24th year at DMS. Wow!



Colonel Lucien Meunier, the Director of the French Military Geographical Agency, visited DMS on Monday, 3 May 1982. LTC Zebell, right, is explaining the operation of GAD, while COL Stockhausen, center, and TSgt Gerald Joncas, middle left, listen.

AF SUPPLY, cont. from page 5

work may be accomplished.

Maintenance also encompasses coordination and submission of all equipment maintenance and repair support with Fort Belvoir, HTC, Cameron Station, and applicable outside civilian agencies. It also includes maintaining up-to-date records as to how many times items required adjustment or repair, vendor response time, et cetera. All requests for maintenance are forwarded to AMS-S, which in turn submits the appropriate paperwork to HTC or actually calls the vendor that performs the service. Once work is completed, AMS-S completes the receiving report and forwards it to HTC so the vendor can receive payment.

The Supply Division also initiates all the requests for books and periodicals utilized throughout DMS by preparing AF Forms 9 and submitting them to HTC. Once respective items arrive, receiving reports are also required to insure proper payment. Very similar in nature, but different in procedure, all maps and charts required for instruction at the School are also ordered by AMS-S.

Currently, the majority of the duties already discussed, excluding

the actual issuing of items and the keeping of current inventories, are accomplished by three employees. The workload involved requires constant action to insure all duties are completed in an efficient manner so that the mission of AMS-S and the overall mission of DMS are accomplished.

There are more areas of change pending and more upcoming changes being considered. One primary area pending completion is the final wall-to-wall inventory which should insure that all equipment items are accounted for and all excess supplies and equipment turned in. One of the major changes being considered is the submission of supply requests by staff offices/Departmental supply representatives on applicable AF Forms in lieu of DMS Form 14.

It is hoped that this article will provide some of the basic information on what AMS-S does and thereby obtain the patience and understanding required for us to complete our job. We try to make the changes as painless as possible, but they are all, in some way, tied to the DMA decision to follow the AF Standard Base Supply System procedures.



MYSTERY PERSON

"I have to look at the back of his head all day long," declared Linda Fleming, our first MP guesser.

Yes, the canny lad in our last spot was SGM Phil Tarr, in all his youth and adventurous spirit. Art Fleshman, who knows Phil from the old days, supplied the picture, unbeknownst to the SGM.

SFC Calvin Nazworth was the second to pin the name on the face.

"Master operator" referred to Phil's work as our Operations NCO. "Shore leave" was a reference to his love of the Eastern coast (also his home port). "Press" and "D/TOPO" should have been of aid to you oldtimers.

"Fill of clues" was yet another in a long line of atrocious puns on first names.



© © ©

Two pictures were necessary for this MP to insure that you get a clear view on all sides. Actually, we had to censor one of them, although not in the fashion that he himself suggested.

This fellow goes not by his first name, but he knows almost all of you on this basis. To all D/TOPO types, he is older than ten, but in his family he is only the second.

A graduate of the Construction Survey Course, he was the chief surveyor for the BBR. He has been known variously in the past as "S.H. of the W." and has a "fleating" history as an artist.

I know I've given him away already, but pucker up, anyway, honey.



Thanks, Mary!



THANK YOU, MARY! THANK YOU, HTC! When we recently found ourselves in a budget "pinch",

with nary a soul who could cipher, we were blessed with one Mary Moton, an accountant borrowed from HTC's Accounts Control Branch. Mary, who lives in Arlington, agreed to make the trek to PBO several times a week to make sure we stayed "out of the red". Our original March request for "just two weeks" of her help has stretched into three months and we truly owe her a debt of gratitude for all of her help and much-needed knowledge.

Mary, a fourteen-year veteran of HTC, spends most of her free time involved with the school activities of her twelve-year-old daughter, Margaret. But she also enjoys bowling.

We've really enjoyed having Mary around, not only for the aid she's rendered in time of need, but for her friendliness to all.

Two more weeks, Mary?

**Happy Tenth
To All The
Folks At DMS!**

WO, cont. from page 1

ticks and the centipedes in the field. I was recommended by my last supervisor to spend a tour here to enhance my career. While I was here I got to meet all the other people recommended to spend a few years at DMS. I am now proud to call these people my friends."



O/C's Victors In Annual DCAG Tourney

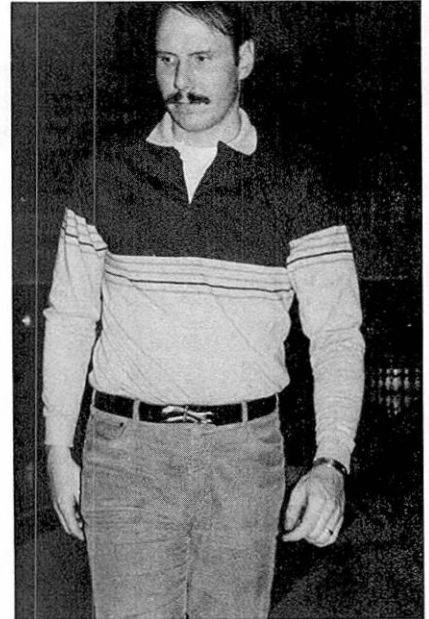
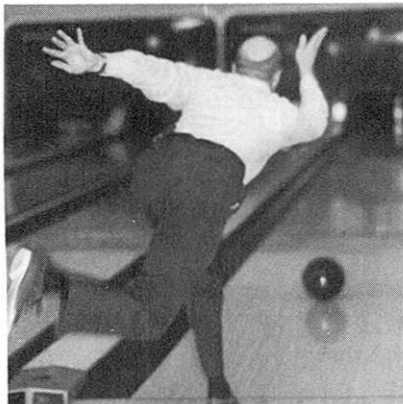
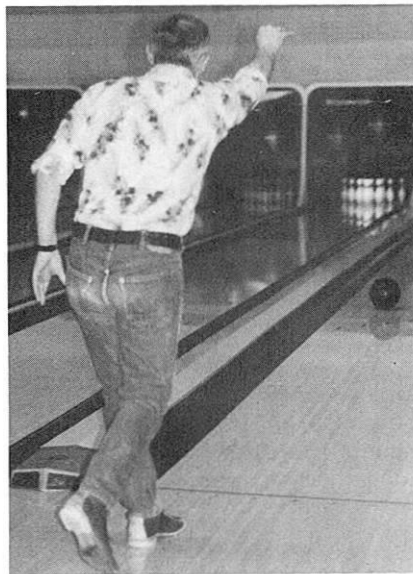
by CPT Kukoski

On a hot and sunny day in April, when most people would rather be watching the golf course turning green, DCAG forced itself off the course and into the lanes. The Department was performing its annual spring ritual: DCAG's Officers/Civilians versus the NCO's Bowling Tournament.

The tourney, proudly organized by Gene Rudy and Steve Falkenthal, was a highly successful event with many cups of cheer raised in celebration. It was a classic battle of speed versus cunning, skill versus luck, and technical versus physical power. But in the end, the margin of victory rested with the Civilians and the Officers. It was their second consecutive victory.

Let's look at the action that made it a great day.

Gene Rudy put it together for the enlisted folks with a really "high score". The NCO's were also backed by *the* Marine, Ron Wenrich. He was another solid performer with a super score. Other "the" Marines, Banks, Cavender, and Stacy tried to powerhouse the pins to make them fall. The scared little pins would not be intimidated; they stood tall and would not fall. But even with excellent scores, victory seemed to slip away as Gunn's size 12 slid across the line for a foul.



TJ, desperate for victory, got his well-lubricated reverse delivery ball and released it into the audience to eliminate any unaware opponents. But even this superman effort was made in vain, and the win slipped away. The NCO's made up for what they lost by what they consumed. What a tradition!

Action in support of the O/C victory was a prime example of team effort. Johnson, Valvo, and Shaw even gave up a round of golf to defend last year's victory.

WOPA shined on Denny Johnson, giving him a hook that held the groove. LTC Valvo turned in a professional score, as did Mr. Shaw, who even played a round of golf to top off the day.

Another key to the victory might be consistency, using CPT K.'s score as an example. He scores equally well, lane or green: forty over par.

Cheers to the team: Bev, Mike, Mark the Ringer, Sue, Pro Steve, Barbara, and all the others.

But I think that we'd all agree the star was Gene, the well-oiled machine with the tummy-shake delivery. He capped the O/C victory, with, in Gene's own words, his "free lance style" that gave the O/C's the victory by a ten pin per game average.

Power Lawn Mower Injuries

by John N. McClure, Jr., M.D., F.A.C.S.

From the Atlanta, Georgia, Buckhead Clinic

In talking to many of my colleagues here in Atlanta, Georgia, as well as in other cities, it has become alarmingly apparent that injuries from power lawn mowers are being seen with increasing frequency. Many of these injuries are relatively minor, but a large number are disabling (some permanently), and a few are fatal.

Since such accidents are not reportable, there are no reliable figures on the actual number occurring in any given area. A formal poll of physicians was made with the help of the Home Safety Division of the Georgia Department of Public Health in an attempt to obtain such information. I would estimate that several hundred occurred in Atlanta last year. The number occurring throughout the State and Nation must be astonishing.

It has been impossible to obtain from the Department of Commerce accurate and up-to-date figures on the number of power lawn mowers manufactured during the past six to eight years, but one national organization which distributes to the Southeastern States from Atlanta has given some figures which are reported to be very reliable. Their figures are as follows:

In 1948, 435 power lawn mowers were manufactured in the United States. In 1955, 1,850,000 were manufactured. It is estimated that currently over five million power lawn mowers have been purchased, mostly by families.

The sale of power mowers has followed the tremendous increase in the number of homeowners during the past several years, and the number of injuries from these mowers has been directly proportional to the number of machines used.

Let us consider the different types of mowers and the wounds caused by each. The reel mower, which I consider relatively safe, is one in which the blades turn like a horizontal cylinder. It is merely an expansion of the old hand pushed mower with power added. Actually, when an object is thrust into these blades, they tend to bat it toward the ground and cut only the tip of it.

In contrast, the rotary mower, which is the most dangerous and is responsible for the majority of injuries, is one in which the sharp blades rotate horizontally on a vertical shaft which commonly turns at the rate of approximately 4,000 revolutions per minute. These blades constitute a potentially tremendous propulsive force as well as a powerful direct cutting force. Any object which is thrust into the blades is cut horizontally. Also bits of rock, glass, steel, wood, et cetera, may be picked up and thrown out of the mower to strike the operator or some person standing nearby. A blade, or a portion of the blade, may become detached and act as a missile. Consequently wounds may be classified into two categories:

1. Direct cutting wounds.
2. Contused or penetrating wounds from flying objects.

I do not wish to discuss the treatment of such wounds since any doctor who does surgery can manage most of them. Occasionally, one like an eye injury or a penetrating wound of the skull will require the services of an appropriate specialist. I would, however, like to comment briefly on the disabilities and costs of such injuries.

A fatality needs no further comment: A permanent state. A small hospital bill, a large funeral expense, and three children left without a mother.

An eye injury: This resulted in a permanent disability as well as a medical expense of several hundred dollars.

A child whose foot was cut off was permanently disabled and will never be able to play as all children should. This also was obviously an expensive injury.

A man whose toes were cut was actually the stimulus for this paper. He is an executive who enjoys working in his yard and was injured just after cranking the mower. He did not even get the mowing started. The wounds were debrided and sutured in the office; he was given penicillin and tetanus antitoxin and treated as an outpatient.

Despite the fact that he was very cooperative and took good care of the injured foot, he developed phlebothrombosis and passed a large pulmonary embolus 23 days after the injury. For this he was hospitalized and put on anti-coagulant therapy. This patient's disability was total for three weeks and partial for approximately three weeks. His medical and hospital bills and loss of income totaled approximately \$1,400.

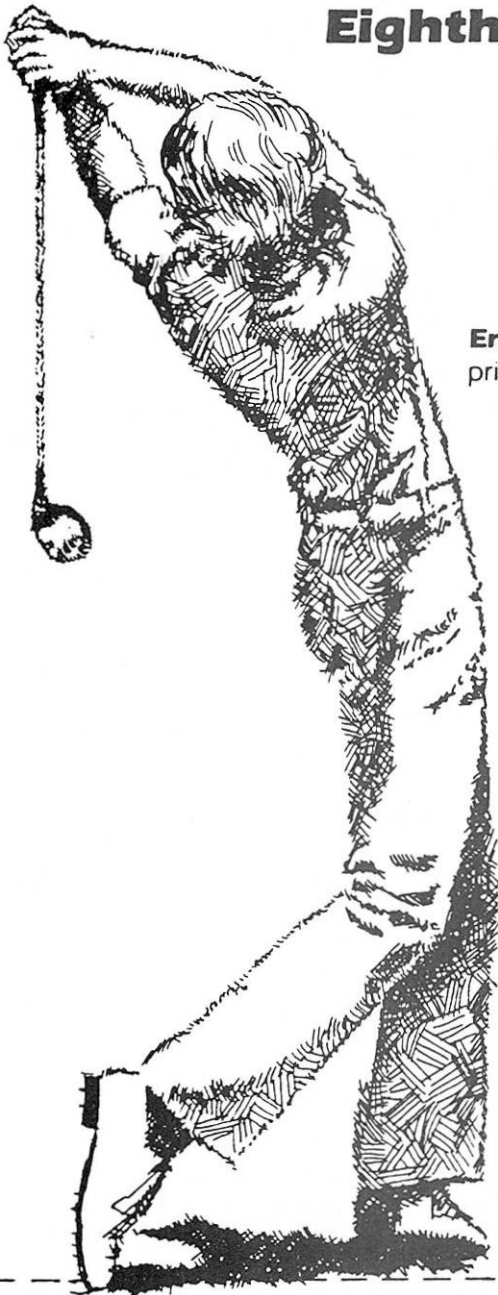
Had the same injury occurred in a laborer instead of an executive, the total disability would have been rated as eight weeks. Medical and hospital bills would have been approximately \$200, loss of income would have amounted to \$320, and the family would probably have required welfare relief while the father was under treatment.

If one takes either of these figures (or the median of the two extremes as representative of families in the middle economic group) and multiplies by 1,000 for Georgia or 50,000 for the entire nation, one is impressed with the possibility that the greatest expense involved in lawn mowing is medical rather than mechanical.

Eighth Annual DMS Golf Tournament

(Team, Best Ball Scramble, Shotgun Start)

6 August 1982, Fort Belvoir North Post Golf Course



Check-in Time: 0730 hours • Tee-off Time: 0800 hours

Entry Fee of \$20.00 per person includes green fees, riding golf cart, prizes, buffet, beer and sodas. Make checks payable to **Jack M. Barts, DMS-DCAG** by 30 July 82. No refunds after 3 August.

POINTS OF CONTACT

DMAHTC - Tom Tuel 227-2581 or Andy Anderson 227-2476

DMA - Charlie Leslie 254-4013 ODS - Bob Litz 227-2834

DMS - Jack Barts 664-4703

RULES

1. Winter rules will be in effect. Course local rules are printed on the card
2. Each team will consist of 3 or 4 members with one member designated as team captain.
3. After each player tees off, the captain will determine the best drive. The player with the best drive will take a second shot. The other players will make their second shots from approximately the same spot where the player with the best drive played his/her second shot. The choice of best ball for the second shot will be made and each player will play his/her third shot from approximately this same spot. The same sequence will continue until the first player holes out. The best ball score will then be entered on the score card. On the putting green, the best ball will be marked and each player will putt from the same spot.
4. There will be no handicap computations for this tournament
5. Cash prizes will be awarded in several categories

ENTRY FEE FORM

I do intend to participate in the DMS Annual Golf Tournament to be held on 6 Aug 1982 at Ft. Belvoir North Post Golf Course. Entry fee of \$20.00 per person is enclosed.

□□□□

Submit by Team (3 or 4 members). Individuals wishing to play who have not formed a team should contact appropriate Point of Contact for Team Assignment.

Name (please print) _____

Rank/Grade _____

Please indicate other team members by name/rank/grade. If any participant is a member of Fort Belvoir Golf Course, please indicate tag number. If retired military, indicate grade at retirement.

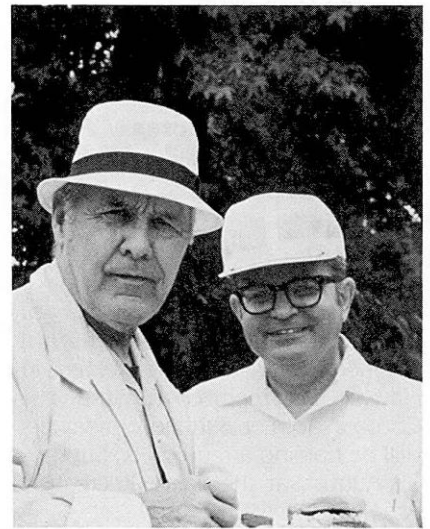
1. _____

2. _____

3. _____



**Everything
Ducky
For Annual
Picnic—
See Page 6**



CONTOUR

Volume 9, Number 9

Defense Mapping School

July 1982

Six Members of DMS Receive Awards

Six members of the Defense Mapping School were honored with awards at the Ninth Annual Defense Mapping Agency Awards Day, held on 17 June at the Bolling Air Force Base Officers' Club.

DMA Director MG Richard M. Wells, USA, joined by Deputy Director Brig Gen Allen K. Rachel, USAF, and Owen W. Williams, Deputy Director, Management and Technology, presented Outstanding Personnel of the Year Awards to Mr. Howard Shaw, DCAG, and WO Raymond S. Seeley, TSD. A group Special Act Award was presented to SGM Charles W. Locke, II, Office of the Director, Mrs. Sue Kersey, DCAG, and GySgt Paul Wilson, SD. SP5 Sandra Pegues was also the recipient of a DMA Outstanding Person of the Year Award, presented at DMS prior to her PCS to Hawaii.

The Awards Day was highlighted in this, our Decennial Year, by the presence of special guests LTG Howard W. Penney, USA (Ret.), former DMA Director; VADM Shannon D. Cramer, Jr., USN (Ret.), former DMA Director; and Thomas C. Finnie (Ret.), Former Deputy Director, Management and Technology. Each of these men was awarded the newly-instituted Robert Erskine Award For Exceptional Achievement, based on past contributions to the Defense Mapping Agency.

In presenting the awards, which highlighted a variety of military and civilian accomplishments, MG Wells commented: "It is one of my greatest pleasures to participate in ceremonies such as these."

In keeping with the keynote of the Decennial as "A Decade of

Progress—A Decade of Challenge", the Director suggested that the people prepared to meet "the upcoming challenges are right here in this room".

"I am impressed by the enthusiasm, dedication and pride of all of the Defense Mapping Agency employees," he continued. "You are doing a tremendous service to the Nation."

The adjutant for the ceremony was our own COL Johnson, former Chief of PBO.

The citations for each of the awards follows:

Special Acts Award

Sergeant Major Charles Locke, II, USA, Mrs. Sue Kersey, and

**see AWARDS, page 3
More on 4 & 5**

Class Notes

Class Notes

Class Notes

Class Notes

ALOHA!

Atten-shun all former members of the 652nd (that includes the 29th) Engineer Battalion who served in Hawaii. As reported in the last Contour, former Battalion members will be holding a reunion on Sunday, 29 August, at the Castle Recreation Area.

Even if you can't attend, you may wish to contact either WO William J. Harnden, or WO David G. Osborn, USAES (ATZA—TDI-T), Fort Belvoir, Virginia, 22060, so they can add you to their mailing list for future events. The phone number is 664-1831.

(P)romotables-Bird Variety

Congratulations to LTC(P!) Paul Valvo and LTC(P!) David Maune on their recent selections for promotion to full Colonel.

MILITARY STRENGTH

Total numerical strength of the Armed Forces on 31 March 1982, based on preliminary reports, was 2,107,029. This represents a decrease of 2,165 from the 28 February 1982 actual strength of 2,109,194 and an increase of 44,979 from the 31 March 1981 actual strength of 2,062,050.

These figures represent full-time military personnel comprising both regulars and reserves on continuous active duty and officer candidates including cadets at the military and air academies and midshipmen at the naval academy. March 1982 strength figures for each service are:

TOTAL DoD: 2,107,029

ARMY: 791,865

NAVY: 543,703

MARINE CORPS: 191,957

AIR FORCE: 579,504

GIVE BLOOD, PLAY RUGBY?

What do members of DMS wish to communicate to the outside world?

A quick walk through the parking lots of Bagley and Wheeler Halls and

surrounding environs produced the following bumper stickers:

Yamahauler
KICKS Country
Army (Twice)
Army: Be all that you can be
Libra
Ball Room
We Believe in Marriage
Enjoy Surfing
Beer Drinkers Make Better Lovers
Hit Me Easy, I'm Full of Gas
Don't follow me, I'm Lost
If you think I'm a bad driver, you
ought to see me putt.

PARDON!

Sorry, Jer!

MSGT Jerry Joncas, USAF, was incorrectly referred to as TSgt in the last issue of the Contour. To add insult to injury, MSGT Joncas should have been credited as the French-English interpreter for the Meunier tour (and a splendid job he did, too—how would you say "photolithographer" in French?).

Tout comprendre c'est tout pardonner.

HALF AN EGG, OVER EASY

CPT Robinson was the first to correctly surmise that if a hen and a half lays an egg and a half in a day and a half, then six hens will lay 24 eggs in six days. According to Maj MacPherson, the reasoning goes like this:

One hen lays four eggs in six days, therefore, six hens lay 24 eggs in six days.

The Defense Mapping School Contour is an authorized newspaper, published monthly by and for the DMS, 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 William Stockhausen
Editor: Linda Stacy

There was some grumbling about the impossibility of half chickens and half eggs. SFC Earl Wright, who often answers 43497, got caught up in the controversy, but not having seen the puzzle, he was doubly confused.

MAJ MAC'S MUDDLERS?

Here's one from the Major about two brothers with cow problems:

Two brothers inherited a herd of cows which they decided to sell. For each cow they received a number of dollars equal to the number of cows in the herd.

Intending to divide the money equally, they placed it on a table between them. There was a pile of ten-dollar bills and a pile of one-dollar bills. Brother A started by taking a ten-dollar bill, then Brother B took a ten, and they continued alternating in this fashion until all the tens were gone.

"That's not fair," said Brother B. "You took the first bill and the last bill, so you've got more money than I do."

So Brother A let Brother B have all the one-dollar bills, but Brother A still had more money. He offered to write Brother B a check to make up the difference and Brother B agreed.

What was the amount of the check?

If you get Earl on 43497, talk about money, not the cows.

?

MAC'S FAX

For those of you who are tired of worrying about money, here are some other little gems, also courtesy of Maj MacPherson:

1) Tom's age is two-thirds of Bill's age. In two years, Bill will be twice as old as Tom was four years ago. What will their ages be in five years?

2) In the famous double-play infield of Tinker to Evers to Chance, who was the third baseman?

3) How many U.S. Presidents have been arrested while in office?



GySgt Paul Wilson



Mrs. Sue Kersey



SGM Bill Locke

AWARDS, cont. from page 1

Gunnery Sergeant Paul Wilson, USMC, are cited for the exemplary manner in which they completed the design and development of the Defense Mapping Agency's Instructor Training Course for DMA Component instructors who present New Employee Orientation Courses.

Through their dedicated, professional efforts, they designed and documented a course which has proven to be highly successful and

exceptionally well received by the Components' instructors. In developing this course, the group met all established deadlines and

produced an original Instructor Training Manual for use as both a classroom text and a resource document for preparing for future instruction. Their outstanding accomplishments have resulted in more professional lesson presentations to the Agency's new employees.

Outstanding Person of the Year
Specialist Five Sandra L. Pegues, United States Army, distinguished herself as an Outstanding DMA Person of the Year while serving as an instructor in the Basic Cartography Course at the Defense Mapping School. Specialist Pegues enhanced the presentation of the course through her expert technical knowledge, dedication and initiative. Her outstanding writing, instructional and counseling abilities resulted in a well-trained, highly-motivated superior student product. Specialist Pegues is the epitome of the highly-trained professional soldier, as she has not only attained the highest Skill Qualification Test score of all E-5's in her Military Occupational Skill, but also has the highest score ever attained in the Terrain Analysis Course, thus designating her the Distinguished Graduate. Her exemplary performance of duty in all aspects of her profession has reflected great credit upon the Defense Mapping Agency.

Foreward to Awards Ceremony Program

Major General Richard M. Wells, USA

As the Defense Mapping Agency completes its first decade of service to our Nation, it is appropriate that we take account of our accomplishments and anticipate even greater achievements in the years ahead. I am proud to participate in this annual effort to recognize DMA employees who typify the spirit of achievement which has contributed so much to DMA's progress. I congratulate each of you being recognized today. You join a distinguished group of previous award recipients who, during those crucial early years, helped to forge this Agency into the strong, responsive and effective organization it is today. As we enter the next decade, let us renew our dedication to the high standards to which we are pledged and commit ourselves to surpassing our previous accomplishments.

RICHARD M. WELLS
Major General, USA
Director
Defense Mapping Agency

DMA Awards

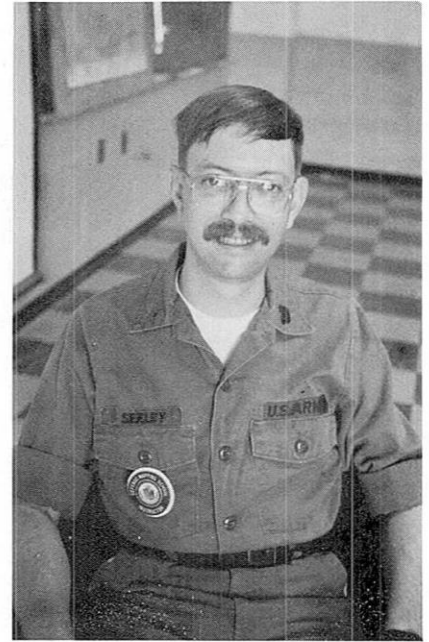


Mr. Howard Shaw

Outstanding Person of the Year

Mr. Howard R. Shaw distinguished himself as the Outstanding DMA Person of the Year while serving as Training Specialist and Course Manager in the Department of Cartography and Applied Graphics...Mr. Shaw enhanced the academic stature of the School by his significant contributions in the development and implementation of the GO/NO-GO evaluation system. By combining his vast experience and expertise in the fields of drafting and educational technology with his initiative and hard work, he developed a course of instruction whose educational principles became the cornerstone for the School's new academic system.

Outstanding Person of the Year
Warrant Officer Raymond S. Seeley distinguished himself by exceptional performance and outstanding achievements as a student and Assistant Course Manager of the Warrant Officer Terrain Analysis Course, from 1 October 1980 to 30 September 1981. Throughout this period, he excelled as an instructor, technical writer, student counselor, and terrain analysis doctrine theorist. His recognized abilities and unique accomplishments in the field of terrain analysis instruction directly caused a significant improvement in the fledgling Warrant Officer Terrain Analysis Course. Combined with his genuine concern for his students and peers, Warrant Officer Seeley's exemplary performance of duty serves as a model for all DMA personnel to emulate.



WO Raymond Seeley



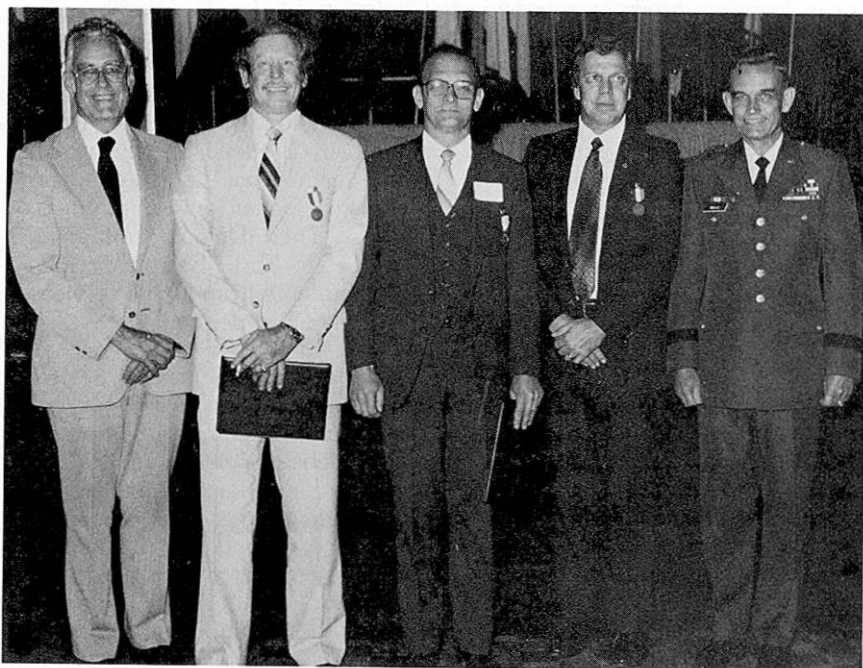
A Legion of Merit with Oak Leaf Cluster was presented to Brigadier General Allen K. Rachel, DMA Deputy Director, by Major General Richard M. Wells, Director of DMA, in a recent Headquarters ceremony. Mrs. Lee Rachel was on hand as General Rachel was cited for outstanding performance of duty as Assistant Deputy Chief of Staff For Operations, Plans, and Intelligence while assigned to HQ Strategic Air Command.

Looking Back On A Decade



Above, recipients of the DMA Meritorious Civilian Service Award, presented 17 June 1982, were, left to right, Thelma A. Robinson, HQ DMA; Norman E. Fassett, IAGS; William P. Wall, AC; and Charles R. Payne, Jr., AC. At extreme left and right, Owen W. Williams and MG Richard M. Wells. Not shown in the picture: John D. Garrett, HTC; and Theodore Colangelo, ODS.

Below, recipients of the DMA Distinguished Civilian Service Award, presented 17 June 1982, were, left to right: Penman R. Gilliam, HTC; Lawrence F. Ayers, HQ DMA; and Kenneth I. Daughtery, HTC. At extreme left and right, Owen W. Williams and MG Richard M. Wells.



Washington, D.C.—One of the nation's least known and most vital organizations, the Defense Mapping Agency, celebrated its first decade of service to the armed forces on 18 June.

As part of its Decennial Observance, DMA unfurled its new colors in a military ceremony at its headquarters on the grounds of the U.S. Naval Observatory in Washington and saluted those who directed the agency during a period of dramatic transition in the mapmaking profession.

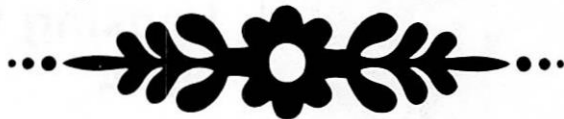
Charged with providing maps, charts and geodetic information on the world to the Department of Defense and other national security agencies, the role of DMA has undergone a transformation in the past ten years, to the point where more of its effort goes into producing computerized data for new navigation, command and weapons systems than into traditional paper maps and charts.

Such new weapons as the Pershing II, the Poseidon/Trident and the Cruise missiles all rely on DMA-produced digital data for their guidance, literally from point-to-point on the surface of the earth. These and other new "smart weapons" are guided computer-to-computer by DMA data, which is also critical to navigation and operation of most aircraft, naval ships, and many ground units.

DMA's component organizations date from the earliest days of this nation, when General George Washington, himself a surveyor, appointed the first Army mapmakers—initiating a service which has run continually through the Revolutionary War, the

see DECADE, page 6

Rainy Day Friends, Fun and — Mud!



Time: Friday, 4 June.
Scene: DMS.
Conversation: Weather.

There was much scurrying of feet and furrowing of brows as weather report after weather report predicted: "Rain on Saturday."

Despite the consolation of "Those weather people don't know anything anyway", much debate ensued. What was to be done?

Postpone until Sunday?

Nope. Word filtered from the Department of Survey that Joyce Zieres and Company were, at that very moment, slicing onions and cooking ribs.

Rent a tent? Too expensive. Besides, pack upwards of two hundred people in a circus tent, and what you get is bound to resemble—a circus.

So it was full steam ahead, --- the torpedoes, don the ponchos, and waterproof the kids.

The rain actually held off for most of the day, allowing everyone to eat without fear of waterlog.

DMA Director, MG Richard M. Wells, and his wife, Lynn, also braved the elements and puddles to pay the picnickers a visit.

According to picnic spokesman, CW3(P) Tom Nolta, there was "no official softball game this year—only a 'field exercise'."

This reporter heard that the "field exercise" was a cross between rugby and mud wrestling with a ball and a bat thrown in. She never received definite confirmation on the final NCO/Officer score—but then, why should this year be any different?

The kids were kept busy, with planned games and a few diversions of their own making, not the least

amusing of which was—WATER balloons!

Speaking of balloons, the helium balloons were a big hit this year, generally tied to the arms or coats of the younger folks—and generally flying off anyway. One ingenious young member of the Nazworth clan even managed to tie one to a pigtail, thanks to the help of LICM Bill Portt.

Cash door (?) prizes were awarded to the Harndens, the Fergusons, the Farris, the Desrochers, the Grims, and the Andersons.

I hesitate to list the names of all those involved in bringing sunshine to a rainy day, lest I forget one, but very special appreciation goes to the Department of Survey, and to MSG Rick Cruz, GAD, SFC (P) Gene Rudy, DCAG, and SFC(P) Tom Lyman, SD, whose kind-hearted contributions kept the cost low for all. Also, TDE-Graphics' Ron Perkins is applauded for once again putting in time and creative effort on the Picnic logo.

All in all, it was a truly ducky day—and we got to see some great rain gear!

DECADE, cont. from page 5

exploration and mapping of a continent, a Civil War, two World Wars, Korea and Vietnam, up to the present. Navy chartmaking was formally organized in 1830 and is even more critical today both on the surface and under the world's oceans. Aviation and aerospace charting date from the first World War and have included both the landings on the moon and today's Space Shuttle flights.

Yet, in this day of sophisticated computerized operations, the paper map and chart are still indispensable to many military operations, on land, sea, and in the air. In the past fiscal year alone, DMA developed some 700 new maps and charts and updated 2100, as well as reprinting another 3400 to keep stockpiles current.

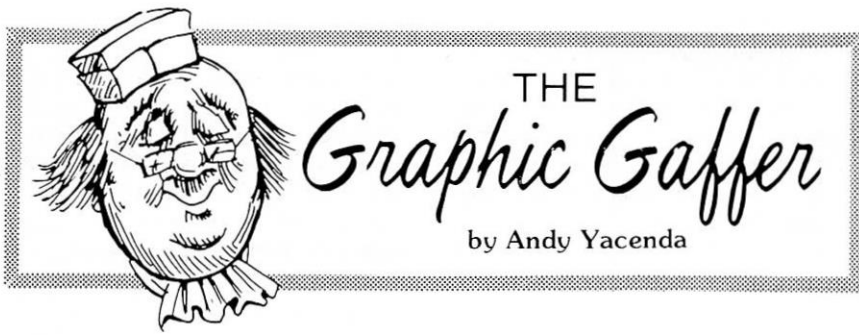
Over 43 million copies of maps and charts were printed in fiscal year 1981, along with some 19 million copies of publications—navigational booklets and Notices to Mariners and a variety of flight information pamphlets for aviators.

In addition to this traditional production, digital data was developed for more than five million square nautical miles on the face of the earth, much of it for weapons systems guidance.

To accomplish this huge task, the Defense Mapping Agency has nearly 9,000 military and civilian employees assigned in more than 50 locations around the world. In addition to its headquarters in Washington, DMA includes two main production facilities: the Hydrographic/Topographic Center in Brookmont, Maryland, and the Aerospace

Center in St. Louis, Missouri. An Office of Distribution Services is also located in Brookmont, with branches in a dozen domestic and overseas locations. The Inter American Geodetic Survey, which works with most Latin American nations, is located in San Antonio, Texas. The Defense Mapping School at Fort Belvoir, Virginia, trains students from all the services and some allied personnel.

Since these and other cartographic units from all the services were combined into this joint defense agency in 1972, the work of the military mapmaker has progressed to the point where no ship, plane, ground unit, or missile—or those working in their electronic command posts—may operate without the products generated by the Defense Mapping Agency.



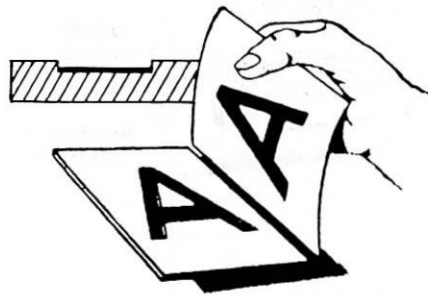
lithography— Greek: Lithos, meaning stone and graphos, writing. Began in 1798—crayon written on block of limestone could be repeatedly reproduced.

That's what Webster's has to say about lithography, but to many lithographers and mapmakers, this definition just doesn't seem to do justice to the printing process which is often our life's work. Fortunately, lithography has a long and interesting history which we have assembled for this issue of the *Contour*.

Most lithographers already know that lithography was invented by Aloys Senefelder and has something to do with crayons and laundry lists. This is the whole story.

Aloys Senefelder, although born in Prague, was raised in the city of Munich. In 1792, at the age of 21, he became a playwright. Because he could not find a publisher, Aloys decided to publish and print his own work. He had not been "born" into the printing trade, as was the practice of the times, so he had to start from scratch.

In Europe, during this period, there were basically two prominent printing methods in use: the letterpress, which was in its infancy; and the gravure, which was a refinement of a printing process developed in China about a thousand years earlier. Having selected the gravure method, Aloys had to teach himself to engrave backwards to produce his copper printing plates. Copper was very expensive and Aloys was just a poor youth and could not afford copper for practice. It was then that he started practicing on thick slabs of soft and very inexpensive Bavarian limestone.



To further reduce expenses, Aloys made his own inks and mixed his own chemicals for plate etching. Because of his expertise with chemicals, he was able to invent a waxy crayon which he could use to cover his mistakes when his engraver slipped.

One morning at the Senefelder house, the neighborhood laundress arrived to pick up soiled linens. Although the laundry was ready, no one had a list to keep track of what items were being washed. Aloys had used every piece of paper in the house for his printing and experiments, so he used the only thing handy: one of his homemade correction crayons and a clean stone slab.

Sometime later, he came across the stone with the scribbled laundry list on it. Having an idea, and being somewhat curious, he treated the stone with a mild acid. The acid ate into the stone around the crayon image and, after a few applications of acid, the image was raised about .006 inches higher than the rest of the stone.

He then applied water to the stone—which was repelled by the crayon image. Ink was then applied—and repelled by the water, but adhering to the crayon.

When he pressed a sheet of paper against the surface of the stone, the words were transferred to the paper in reverse. The image on the paper appeared as sharp and clear as the image on the stone and he found that he could repeat the process many times. He had produced a new raised-surface printing plate.

After a not-so prosperous six years as a publisher and printer, Aloys, while printing from his raised-surface stone plate, pressed a newly-printed sheet of paper against a clean stone. Since the ink on the paper was still wet, the greasy image transferred onto the clean stone. This time, Senefelder did not etch the stone with his acid. Knowing from previous experiments the repelling relationship between inks and water, he applied water and then ink directly onto the stone. When he pressed paper to it, the image was transferred—so beginning lithography in the year 1798.

For the next ten years, Senefelder refined his printing process through the development of many printing presses used to print lithographically. Because of its simplicity, lithography developed both as an art medium and a commercial printing medium. Aloys still had one "nagging" problem: he had never overcome the difficulty of preparing images backwards so that they appeared correctly on the printed paper. It was then, in 1808, that Aloys developed the "transfer method."

Artists could now draw their pictures on special paper using Aloys' crayon. The pictures could be inked and pressed against a clean stone reversing the image. The reversed stone image could then be re-inked or "charged" and transferred onto printing paper back in right-reading form.

Senefelder also went on to develop automatic, water-driven

see GG, page 8

GG, cont. from page 7

lithographic printing presses. These presses could apply both the water and ink without human involvement. Because of his ineptness in business, however, Senefelder never benefitted from his inventions except for the satisfaction of seeing his printing process rapidly take hold throughout the world. By the time of his death, in 1834, his only tangible recognition was a gold medal of achievement which he received from the Royal Academy.

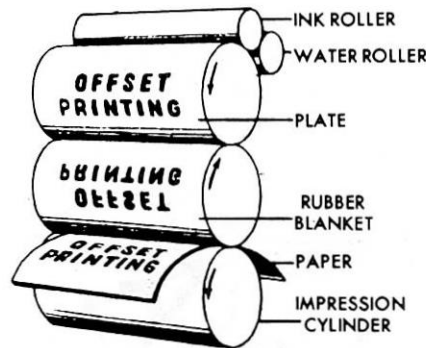
From 1830 on, the growth of lithography was slow but steady. Many newspapers used it as a medium for pictures, illustrations and caricatures. Many companies came into existence specializing in lithographic pictures and posters of popular and contemporary subjects.

During the same period, photography developed. About 1815, a Frenchman by the name of Joseph Niepce, a skilled stone artist, developed the camera. He, unlike other early photographic experimenters, tried to record his photoimages on litho stone. He experimented with many light-sensitive, oily materials which hardened when exposed to light. Of the two most popular, asphalt and bitumen, the latter seemed the best. After long exposure to sunlight, the bitumen coating hardened in the exposed areas. He could then wash away all of the unexposed coating. Unfortunately, what remained was a negative image on his lithographic stone. It was not until after Niepce died that his process was applied with the use of a negative-on-glass intermediate.

Another Frenchman, Alphonse Poitevin, experimenting with albumen from egg whites combined with other chemicals, was able to greatly reduce exposure time but still had the same processing characteristics as Niepce's process.

Around 1880, the first halftone images were produced, primarily by newspaper printers, using a glass screen which was etched with two sets of lines at right angles. The image, when photographed through the screen, was broken into dots

giving the illusion of gray tones. This screening process is still in use today although glass screens have, in most instances, been replaced by plastic screens or special autoscreeen film. Generally, the finer the screen (the more lines per linear inch), the greater the detail.



In the early 1900's, as printed sheet sizes became larger and lithographic lime stones became harder to obtain and handle, commercial lithography progressed to thin metal plates. These plates were initially made of zinc alloys and later were made of aluminum alloys. The surface of the plate was grained to simulate the porous surface of the original lithographic stone. The thin metal plate, being flexible enough to bend without creasing, resulted in the development of rotary lithographic presses. Around the same period, a lithographic stone printer, Ira Rubel, accidentally printed an image on a rubber impression backing of his flat-bed lithographic press. When he printed the next sheet of paper, the image transferred or "offset" onto the back of the paper revealing an image which was much sharper than the direct copies. He applied this transfer stage to the rotary offset presses being developed during that period and this resulted in other important advantages: it did away with problems associated with damp plates coming in direct contact with the paper so a greater variety of paper could be lithographed, including many rough surface

papers; offsetting the image onto the soft rubber blanket resulted in less wear and tear on the plate, resulting in longer press runs, higher quality, and less expensive printing. These early offset lithographic presses are the great granddaddies of the high speed, multi-color sheet, stream and web-feed presses in use today.

In spite of all of the advances made in commercial lithography, the lithographic "art form" has progressed very little since the time Aloys first made his laundry list.

In the next *Gaffer* article, we will describe in detail the process and application of lithographic art.



The last MP was indeed SGM Bill "Hickey of the Week" Locke, as guessed by a SUMMER HIRE: Jeff Via.

There will be a new MP and explanation of the clues in the next *Contour*.

CLASS NOTES, from page 2

- 4) What is the easternmost state in the U.S.?
- 5) Sir Edmund Hillary was not actually the first man to set foot on top of Mount Everest. Who was?
- 6) What were the names of the male and female villains on "Rocky and his Friends"?
- 7) What was Elvis Presley's home town?
- 8) By what names do we know these famous people?
 - a. Marion Morrison
 - b. Norma Jean Baker
 - c. Bernard Schwartz
 - d. Robert Zimmerman

THE WHITE HOUSE

WASHINGTON

June 18, 1982

MEMORANDUM FOR MAJOR GENERAL RICHARD M. WELLS
Director, Defense Mapping Agency

SUBJECT: Defense Mapping Agency Decennial Observance

I am very proud to congratulate the members of the Defense Mapping Agency as you commemorate your tenth anniversary on June 18.

With roots dating back to the earliest days of our Nation, the Defense Mapping Agency, in its first decade as a joint agency, has justly earned a worldwide reputation for excellence in mapping, charting and geodetic activities. The significant contributions of the Defense Mapping Agency to strategic and tactical weapons systems, and to America's ground forces, are vital to our national defense and to the safe navigation of air space and the high seas. These are achievements of which the entire Nation can be proud.

Please share my thanks and congratulations with everyone in the Defense Mapping Agency.

Ronald Reagan

Keeping a Good Man In



It must have been GAD's month to insure that the good guys stay in. LI2 Grover Welsh, USN, Photolithography Instructor, made his reenlistment official with the help of Colonel Stockhausen.

King Extends For Two More



GAD's MSG Ray King recently extended for exactly two years and two months. Hmm—could this mean a retirement somewhere in the not-too-distant future?

Toward the Land of The Midnight Sun



As we all swelter in the glory of yet another Virginia summer, MSgt Larry T. Reece, USAF, is headed toward the land of the midnight sun—via New Jersey, no less.

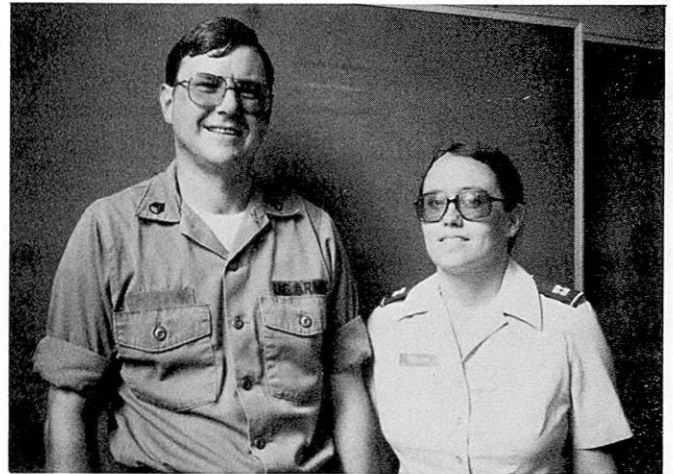
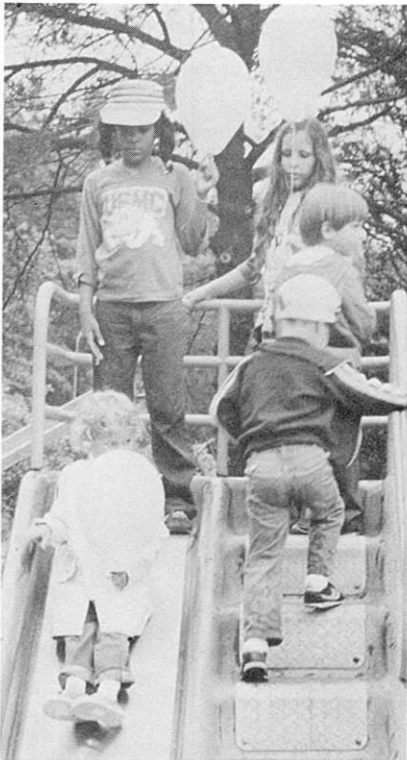
Larry, an instructor in GAD, is not, however, flying to Alaska in the true spirit of his parent service, but *driving*.

MSgt Reece received the Joint Service Commendation Medal for his tour as an instructor in the Navy/Air Force Basic Lithographer Course from 26 June 1979 to 20 June 1982.

Larry was specifically cited for: "...superior abilities and exceptional technical competence in a joint service environment. His unselfish dedication, initiative, devotion to the preparation of instructional material and presentation of high quality instruction have contributed greatly to this Agency's training mission."

In presenting the award to Larry, LTC Zebell commented on the two basic characteristics of a "good instructor."

"He must be technically competent and have a real interest in the students—and MSgt Reece has consistently exhibited both these qualities."



Another DMS first? When it came time for SSG (P) Ted Poulson's reenlistment, it was truly a family affair. Ted's wife, CPT Pat Poulson, who is also assigned at Fort Belvoir (right down the hill from Wheeler Hall),

did the honors in a TSD ceremony. Bystanders tried to get the Poulsons to seal the agreement with the usual husband/wife kiss, but they abided by military decorum. Shucks!



Atten-shun, Bowlers!

The DMS Keglers' League, military and civilian, male and female, professional and "gutterball" is now forming!

WHERE: Post Bowling Center

WHEN: Wednesdays, 2030 (8:30 P.M.)

Beginning 8 September 1982.

Ending: 26 May 1983

COST: \$4.00 per person

(Returned with vast quantities of fun!)

FOLKS TO CONTACT:

Jim Harnden, TDE

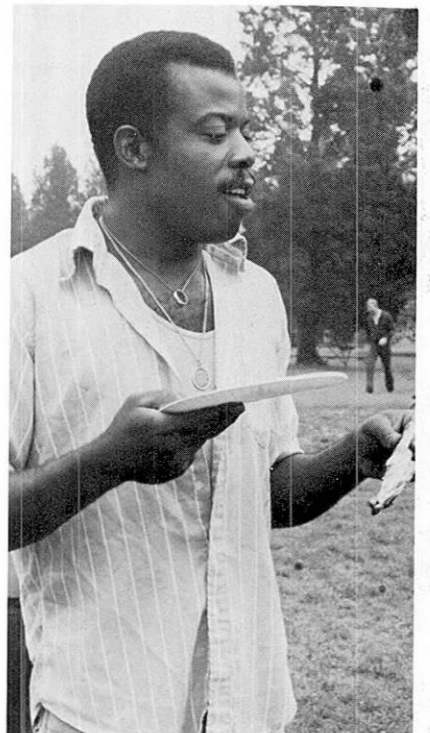
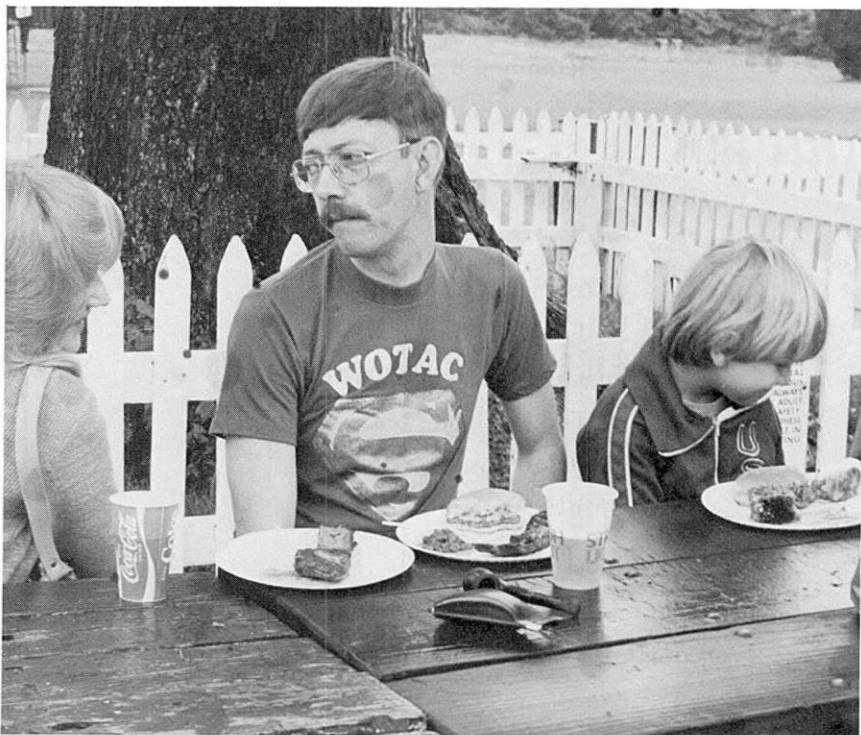
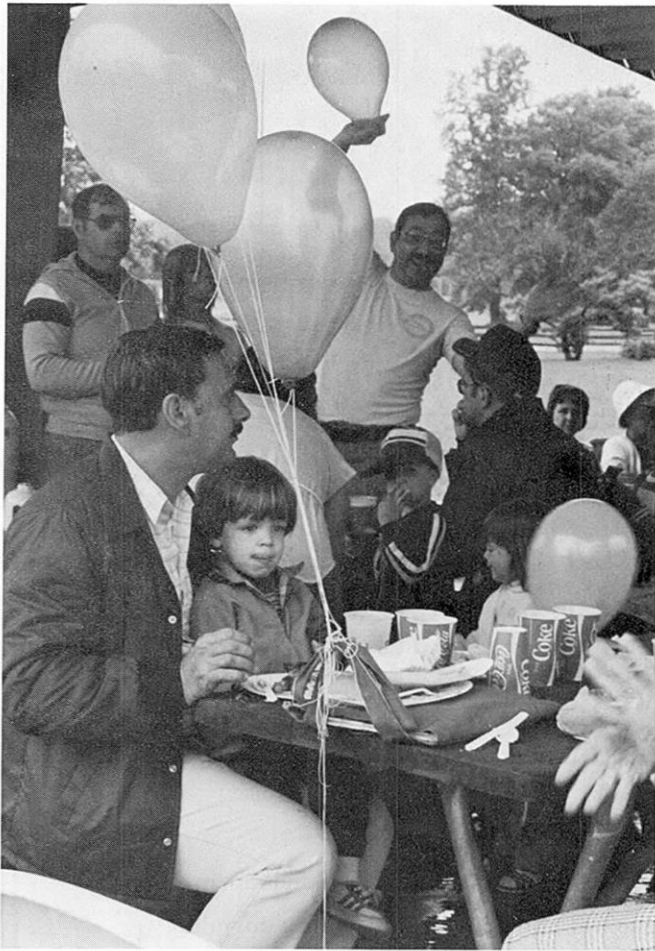
Barbara Windland, DCAG

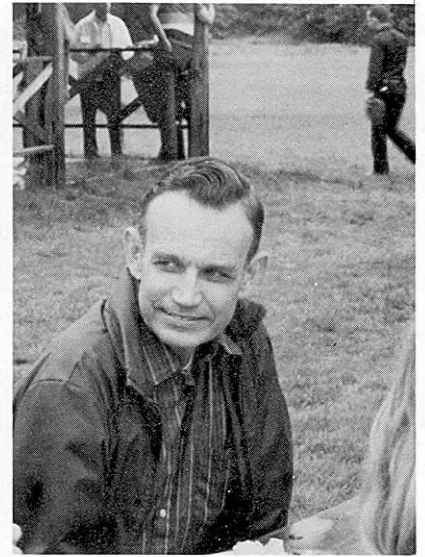
Ted Poulson, TSD

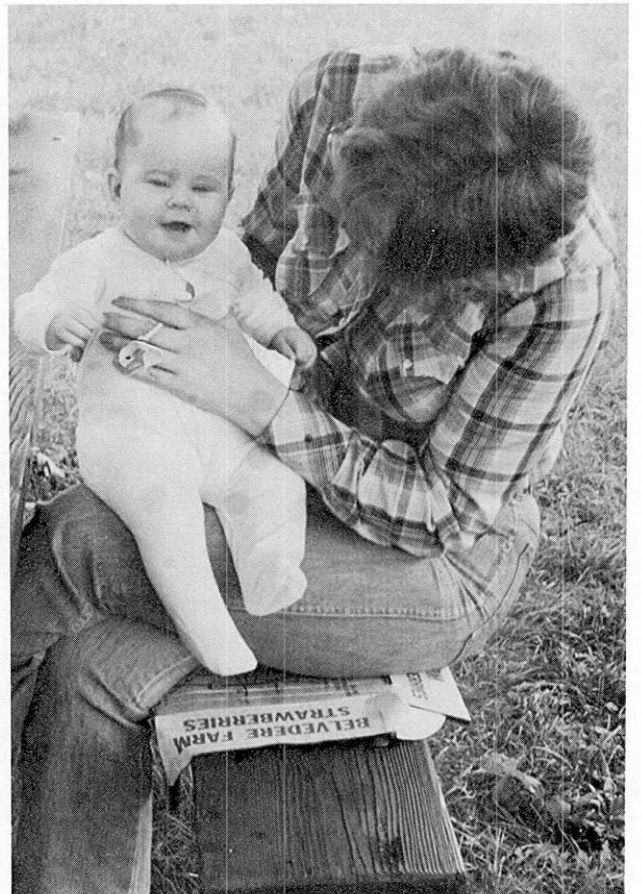
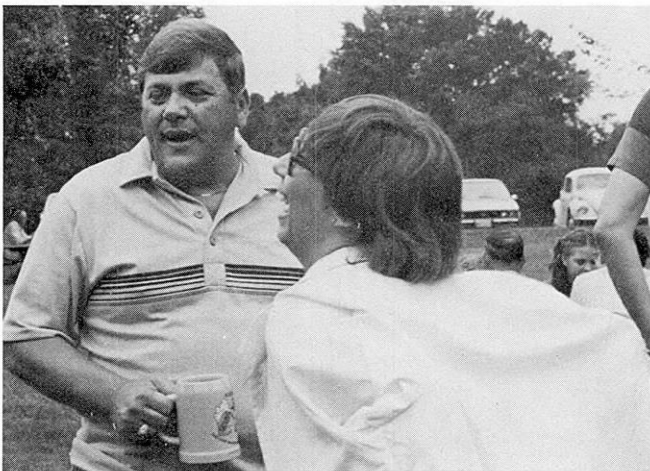
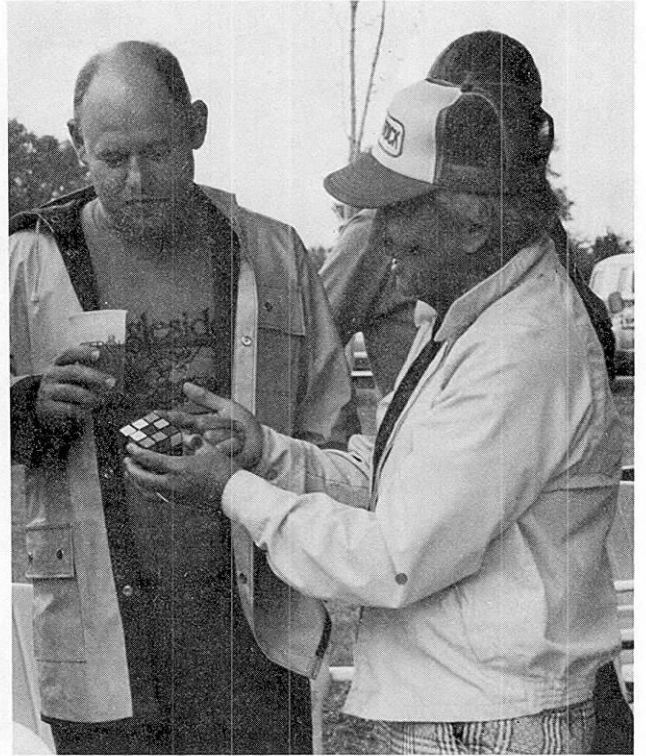
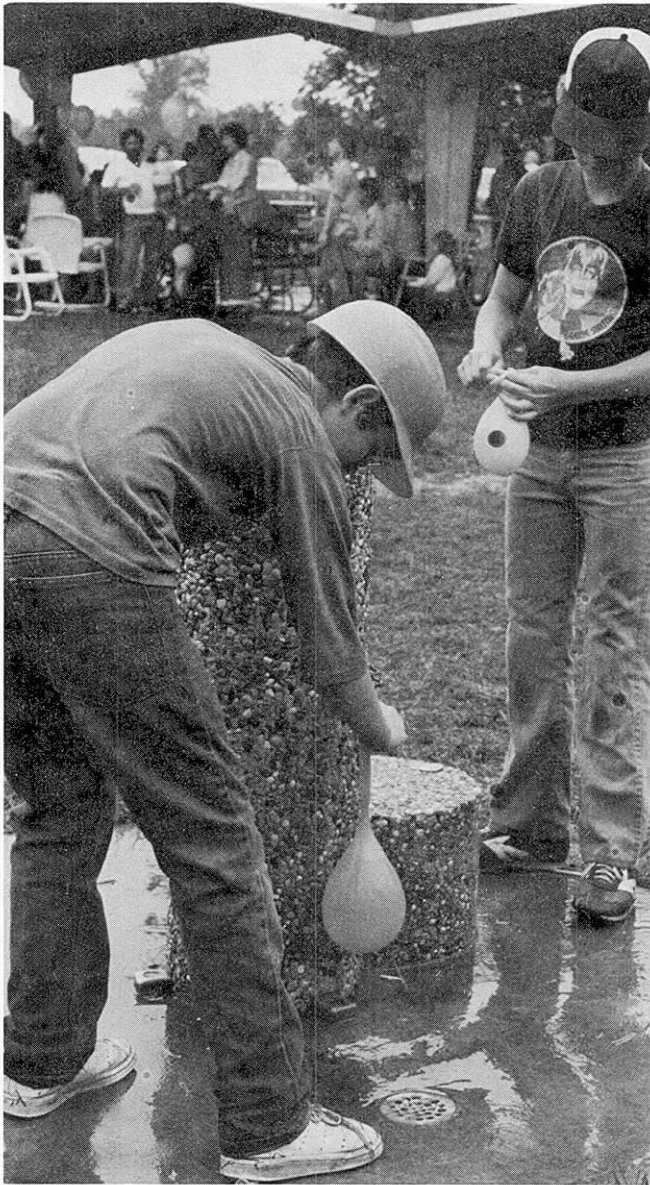
Bob Jones, SD

Mitch Michaud, GAD

Come on out for fun, relaxation, and a chance to see everyone groggy-eyed on Thursday mornings!









Why are these folks standing around?
Answer may be found on page 18.

CONTOUR

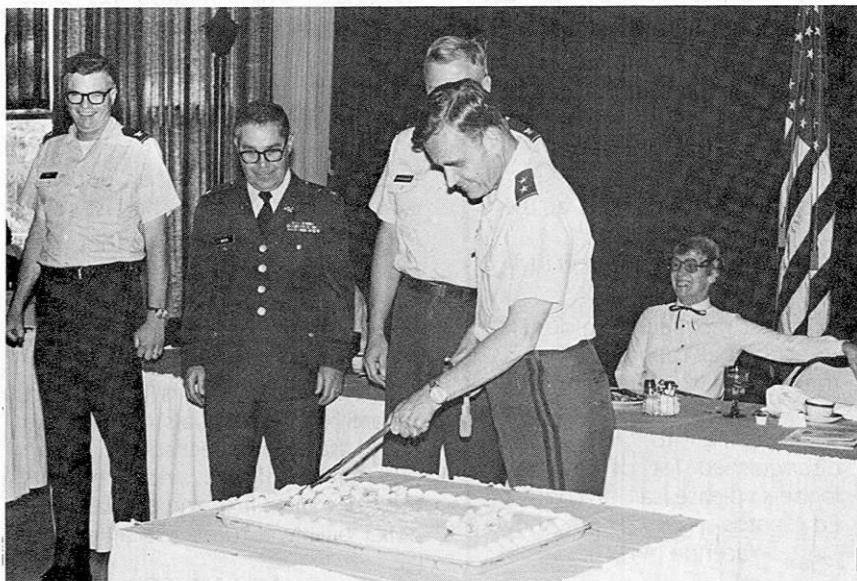
Volume 9, Number 10

Defense Mapping School

August 1982

Honored Guests, Present Members, Old-Timers, Friends, and Family.....

Celebrating the DMS Decennial!



On 25 June 1982, present members, honored guests, former directors, as well as old-timers and friends and family gathered together to celebrate the decennial of the Defense Mapping School with awards, remarks, a feast, and much reminiscing and reflecting.

DMS Director Colonel William T. Stockhausen and his wife, Jo, greeted honored guests Major General Richard M. Wells, USA, DMA Director; Colonel Edward K. Wintz, USA, former DMS Director; Colonel Hector Wood, USA, former DMS Director, and his wife, Phyllis; and Colonel David O. Cooksey, USA, Deputy Installation

see DECENNIAL, page 10

Class Notes
Class Notes
Class Notes
Class Notes

HOW HOT IS IT?

It's so hot that people in DCAG are asking Jack Barts: "Is it cooler down there?"

It's so hot that people in certain parts of Bagley are singing (to the tune of "Over There"): "Give me air! Give me air!"

It's so hot that air conditioners all over the campus are taking week-long vacations, tempting us all by working wonderfully at 1600 on Friday afternoons, only to blow out hot air again on Monday mornings.

And what's this we hear about a suggestion making the rounds, officially signed by I.M. Sweaty? It seems the witty fellow/gal suggested that gymnastic equipment, lockers, and showers be installed to accompany the sauna formed by the lack of air conditioning.

And was the suggestion really evaluated by I.M. Kool, who tactfully (?) told I.M. Sweaty to go eat a sweat sock.

Grin and bare it, it could always be worse. Your office might flood everytime it rains, for example.

INTRODUCING!

MAJ Bill Farr has moved from the second floor of Wheeler to his new staff position as MC&G Doctrine Coordinator in TDE. We wish MAJ Farr every success in his new position and assure our faithful readers that it was entirely coincidental that he moved down just as the Wheeler air conditioners gave up the ghost.

GET WELL—That's an Order!

As referred to elsewhere in this issue, SSgt Tommy Williams and SSG Patrick O'Hagan, II, suffered a very unfortunate accident during the final game of the softball season. Both of our dedicated players have steadily improved and we are wishing them a speedy final recovery.

A DMS CHRISTMAS TRADITION?

Already anticipating the spirit and merriment of the season, plans are underway to hold a Defense Mapping School Christmas Dinner Dance at the Top Five Room of the Main NCO Club here at Fort Belvoir.

DATE: 3 December 1982

WHO: Everyone. Officers and enlisted members; civilians; spouses; friends; family; old-timers; boyfriends; girlfriends; couples; singles; singles looking for other singles; a few elves; and maybe even the big fellow in red himself.

TIME: 1800 - ?

WHAT: Feasting, dancing, live music, uproarious merriment and good spirits.

DRESS: Informal. (Coat and tie for the men.)

APPROXIMATE COST: \$25 or less per couple, includes all of the above (and fee for cookies and milk left for Santa?).

More information forthcoming from the merry elf, himself, SGM "Ho ho ho" Locke.

YOURS, MINE, AND OURS

Among married enlisteds, the Air Force and Army have the largest families, according to a report titled "A Description of Officers and Enlisted Personnel in the U.S. Armed Forces", published by the Rand Corporation.

About 59% of Air Force and 55% of Army members reported one or more dependents besides their spouses, compared with 45% for the Navy and about 40% for the Marine Corps.

About 65% of officers reported one or more dependents besides their spouses.

BEEP!

The Department of Transportation has initiated a toll-free number to provide consumers with more information about the safety of their cars.

By calling the number and identifying your make and model of car, you will be provided with information on such matters as pending recalls, fuel economy ratings, crash test results, car maintenance figures, and other information. Residents in the D.C. Metropolitan area may call 426-0123 for more information.

MAJ MAC'S MUDDLERS

CPT Forest Lane, TSD, was the first to correctly decipher the "udderly" exasperating puzzle in the last issue.

Herewith, MAJ Mac's thorough explanation:

"Since the brothers received the same number of dollars as there were cows in the herd, we know that the total number of dollars is a perfect square ($x \text{ times } x \text{ equals } x^2$). We also know that this perfect square has an odd number of tens, since Brother A took both the first and the last ten-dollar bill. As it turns out, all perfect

see CLASS NOTES, page 3

**THAT'S THE NEWS—
NOW FOR THE SPORTS**

We at last have arrived at the moment of truth!
Who is the best racquetteer in all of DMS?

(Or best racquetteering duo?)
A racquetball tourney is now in the making to determine this fact. If you would like to add your name to the most distinguished list of smashed lobbers, please call or contact Ed Santos (42592) or Andy Yacenda (44171).

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


800/424-9098

693-5080

223-5080

Eliminating fraud, waste, and abuse needs the support of all DoD personnel. Use the Defense Hotline any workday 0800 to 1630.

Identity of callers fully protected



DoD Hotline Fights Waste

The DoD Hotline is a means for reporting crimes against the Department of Defense and the military services involving fraud, waste, and abuse of authority for personal gain.

The Hotline is *not* to be used for reporting:

- people who are mean
- people who are overweight
- a supervisor who gave you an unfair evaluation
- poor plumbing in the barracks
- rubbery eggs in the messhall.

Those who have legitimate complaints about sexual harassment, discrimination, or other wrongful practices not related to fraud or waste should report them through appropriate command channels.

Using the right channels for reporting grievances is more likely to result in faster corrective action or investigation of the complaint.

If you do become aware of a crime involving fraud or waste of DoD property or resources, report it promptly to the DoD Hotline, even if it hasn't happened yet. The faster such abuses are reported, the faster the proper authorities can act. If you have reason to believe a crime of this sort is about to take place, your DoD Hotline report may help to prevent it.

The Defense Mapping School Contour is an authorized newspaper, published monthly by and for the DMS, 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: Linda Stacy

CLASS NOTES, cont. from p.2

squares which have an odd number of tens end in six (6) (16, 36, 196, 256, et cetera).

So no matter what the number of cows in the herd, the total number of dollars ends in six. After the ten-dollar bills have been divided, Brother A has \$10 more than Brother B. After Brother B has taken the six one-dollar bills, Brother A still has \$4 more. To make things even, he writes a check for \$2, NOT \$4.

A sure-fire way to avoid making this last mistake is to pretend that you are Brother A."

MAC'S FAX

Answers to the last issue's trivia puzzle are:

- 1) Bill will be 35; Tom will be 25.
- 2) Harry Steinfeldt.
- 3) One. Ulysses S. Grant was arrested twice in Washington, D.C., for "reckless driving"—once in a carriage, and once on horseback.

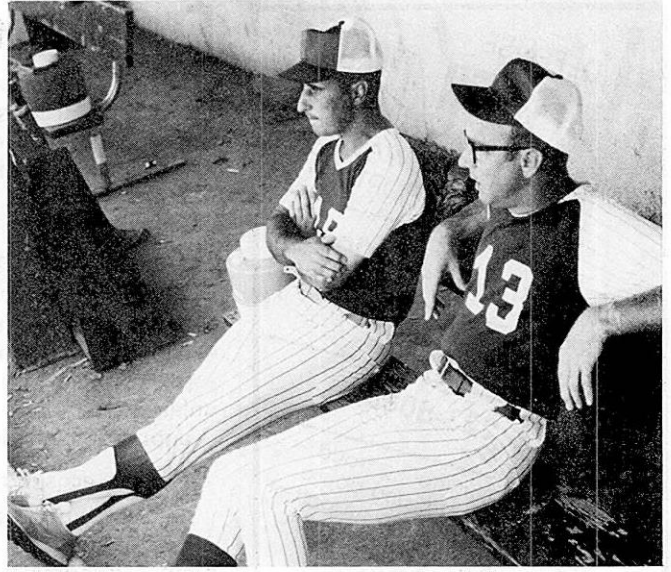
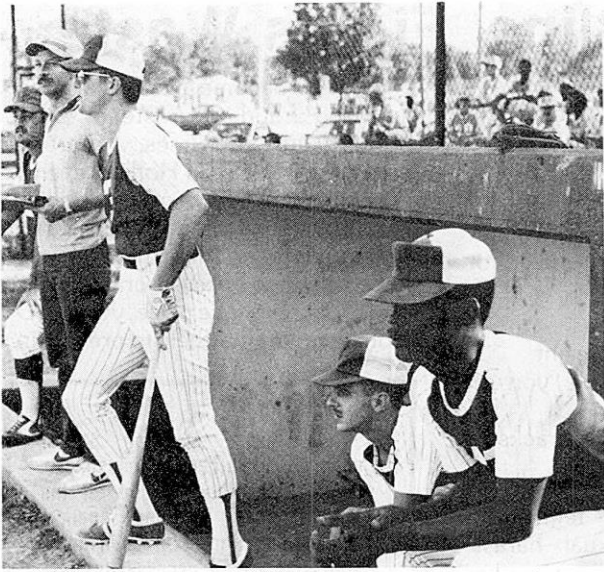
- 4) Alaska. The Aleutian Islands extend beyond the 180-degree meridian.
- 5) His Sherpa guide: Tenzing Norkay.
- 6) Boris Badenoff and Natasha Fataly.
- 7) Tupelo, Mississippi.
- 8) a. John Wayne
b. Marilyn Monroe
c. Tony Curtis
d. Bob Dylan

MISSING PERSONS

The puzzle for this issue involves matching up some famous people with their missing companions:

- 1) Jackie Gleason
Art Carney
Audrey Meadows
- 2) Steve Allen
Johnny Carson

- 3) Grumpy
Dopey
Happy
Sleepy
Sneezy
Bashful
- 4) Lucille Ball
Desi Arnaz
Vivian Vance
- 5) Brian Wilson
Dennis Wilson
Carl Wilson
Mike Love
- 6) Sid Caesar
Imogene Coca
Howard Morris



DMS Team's Season Finale

The dugout is empty now. A lone paper cup spins lazily in the late summer evening's breeze. The roar of the crowd is now only a memory in the mind's ear. The fans were great—those faithful few who, year after year, follow the team through thick and thin (mostly thin, this year). Our season record belies the effort we put in for the—mud, sweat, errors, rain, lack of hits, *ad infinitum*. It was all endured for the glory of the School (we had fun, too).

As the saying goes: "There's always next year". All the sprains and sores will be healed, although there are two of us, one in particular, who'll probably never forget the instant both met in short center field during the final game of the season. I expect many of next year's players will be the same ones who, this year, risked life and limb racing recklessly around the bases. (It is hoped that Tommy Williams will be back at work by the time you read this and that Pat O'Hagan will be feeling much better.)

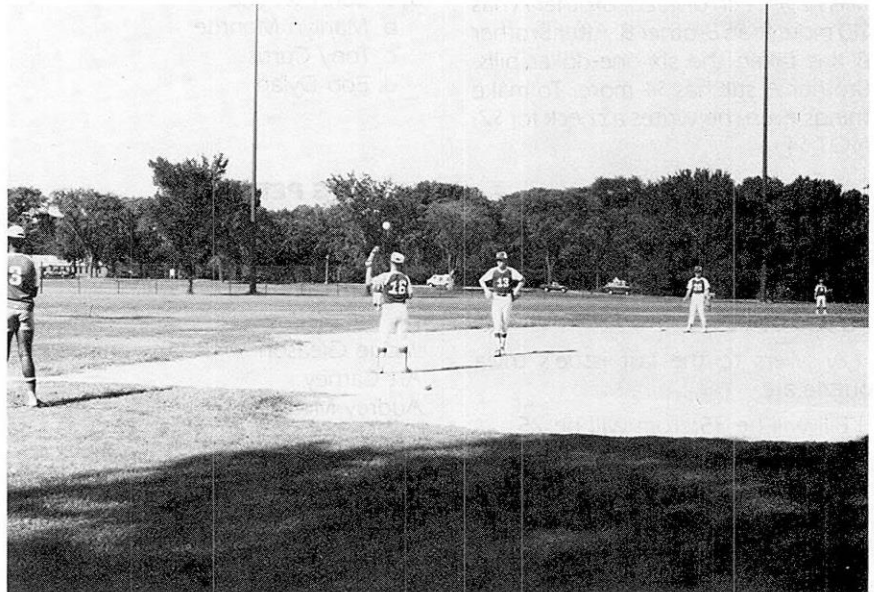
It's rumored that the Boomer won't be amongst those who return next season. If still here, I'm sure you will find him in the stands, however, or maybe even coaching/managing if the terms of the contract are right. The 180MPH line drive he fielded

with his thigh finally scared him off the mound—and then, too, he slid for the first time in five years and doesn't want to push his luck.

Anyway, special thanks go to all who gave their best in support of the School: Glen Blanton; Bob Murphy; Chris Gunderson; Jim Sharp; Ron Wenrich; Pat O'Hagan; Bill Gray; Carl Cummings; Ray King; Charlie Davis; Ed Williams; Gene Phillips; Tony Eure; Dave Gibson; Paul Mason; Tommy Williams; Randy

Grimm; Ted Poulson; Gerry Joncas; and most of all, to Pat Downs, who, although not super-excited about the idea, consented to manage once again so that the School would have a team.

Spring training isn't far away, and before you know it, flyers announcing the try-outs will be appearing. All you ballplayers: oil your gloves before storing them. All you fans: oil your vocal chords—and let's make a date for next year.





Members of the latest ITC listen while Mr. Tosh Hoshide speaks on the "Over the Rainbow" management technique. Mr. Hoshide is shown, below right.

What's Going On In DCAG?

by Sue Kersey

Tosh Hoshide Speaks at ITC Graduation

After Pickleman's visit and the bowling bonanza, DCAG spent a couple of quiet days. Denny went to MC&GOC, Carlos to the hospital, and Steve and Ray took leave. We were sinking to the level of a "normal" department. Allowing for a few abnormalities, however, things started rolling again to keep us ever alert. Sandy got married, Ray told a clean joke, and, perhaps most exciting, Jeff came back.

About this time, strange civilians started coming onto the third floor. They were easily distinguishable due to a lack of uniforms. Immediate speculation concerning possible teaching topics and the variety of aids and costumes we would be seeing in the next two weeks emerged. Were we to have dart boards and strange guys in dry wet suits running around like we had with the last class? Having an ITC is really a unique experience. The variety of topics these classes always spawn makes the ITC instructor a virtual walking encyclopedia.

Kathy McCloskey, now a veteran, and Ted Poulson were my sidekicks for this class. They each gave 100%

Super instructors! (Ted particularly enjoyed the class Bridget gave on "101 Ways to Prepare for a Bikini Summer".)

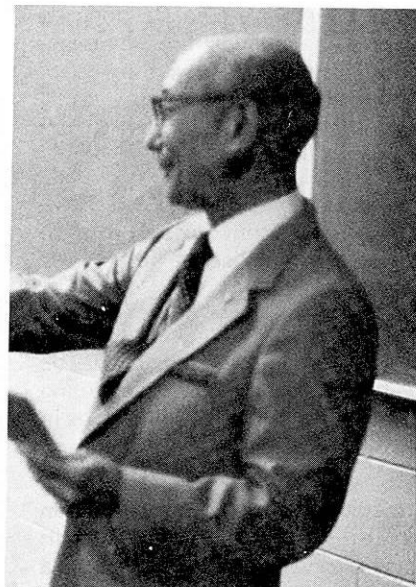
Our graduation ceremony was particularly successful. All available instructors from SD and all the AF contingent came to witness the celebration because new man SSgt Keith Shaw, USAF, was our distinguished graduate.

SSgt Shaw's lessons were practically flawless and his written assignments were well and thoroughly prepared. Even with all the work required of him, SSgt Shaw seemed to enjoy the class—perhaps because of his classmates. (Would a female classmate be a "classmate"?) We were proud of Keith, too. He was the only military member of the class and served as a fine representative of DMS.

Guest speaker for the graduation was Mr. Tosh Hoshide, the Assistant Department Chief of Topographic Sciences at HTC. He gave talk on management techniques—and what a dynamic speaker! He is a past president of the Capitol Area Toastmasters and certainly a

delightful and energetic gentleman! He's already booked to come back to speak at a carto graduation.

Another successful class graduates. We'll be "holding forth" again the third week in October. Come and join us—you'll never know what you may learn from the experience.



Our DMS Achilles' Heels?

Thanks to the high-spirited coordination (no pun intended—for once) of SSG Ed Santos, the DMS division of the Fort Belvoir Run For Your Life (RFYL) Program is, well, off and running.

Participants in the program, as listed on the "tote" board in Bagley Hall, include: Ron Perkins (who made the very attractive board); Bob Ainsley; LICM Bill Portt; SGM Gerald Watson; SGM Bill Locke—and Ed, of course.

But there is room for many more DMS names!

For those who missed the, ahem, rundown in the March issue of the *Contour*, the RFYLP is Belvoir-wide and open to all Service members, their dependents, and civilians.

The program is built around self-paced progressive distance-running, and designed to gradually and safely improve cardiovascular (the heart, lungs, and blood vessels) health. There is a place in the program for practically everyone, even those with no or limited running/walking experience. (In some cases, the program requires that a doctor's check-up be made before beginning, as with any exercise program.)

The program is not designed to be competitive, nor to hold participants to a grueling schedule of daily running. Participants to date have run anywhere from one mile to eight miles a day, with some break days inbetween.

The honor system is in effect for filling out scoresheets, and awards are bestowed for those completing anywhere from 50 to 10,000 miles in any of three phases of the program.

To make things even more attractive for those who need an exercise program, or would like to join in the swing of things, there are a

An Open Letter To All DMA Women and Wives



Dear all,

The DMA ladies is an informal organization designed to provide a limited amount of combined activities for any and all DMA women, that is, employees, or employees' wives.

Planning for this coming year's "outings" is now underway. So that you might note a few of the dates and start to make plans to join us, here are a few of the early details.

The "Kick-Off" affair is to be a get-acquainted coffee on Wednesday, 22 September. It will be at the PALMER HOUSE, 4801 Olley Lane, Fairfax. Now, since this one is "just around the corner", IF YOU CAN COME, CALL LUCY PALMER NOW AT 978-7910—

or, in more formal terms—RSVP acceptances ONLY. Then if you need directions, please have your husband—or someone—stop by the HTC Director's office. This coffee will be hosted by the HTC wives.

Next, on 17 November, the wives of the headquarters personnel will be providing a morning tour of the Naval Observatory. This will PROBABLY be followed by a no-host luncheon.

Additional functions are set for January, with details later from the ODS wives who will be sponsoring the event. March will see the Retired wives providing an exciting event that we'll tell you about later. Then the DMS wives will wrap up the year in May.

Details are necessarily sketchy now, but further information will be forthcoming by way of the SURF 'N' TURF and other Component newspapers.

We'll hope to see you,
The DMA Ladies Planning Committee

couple of areas fairly close to DMS which have been allotted as program running areas:

Pullen Football Field Track:

1 lap is $\frac{1}{4}$ of a mile

Parade Field No. 1/South

Post:

1 lap is $\frac{1}{2}$ of a mile

Gunston Road Between 3rd and 4th Streets/S. Post:

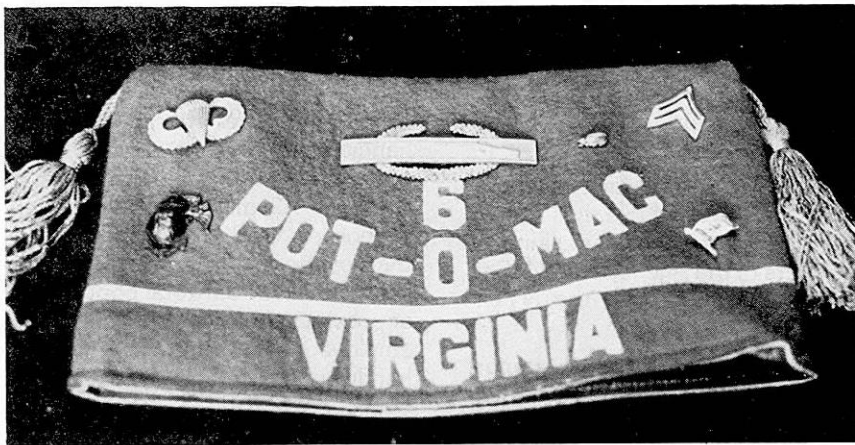
1 lap is $\frac{1}{2}$ a mile

Specker Field House/S. Post:

12 laps are equal to 1 mile.

If you need a bit more encouragement, information, or extra socks, give SSG Ed Santos a call at x42592, or stop by and check out his running shoes in GAD. He'll be more than happy to comply with at least two of your needs.

All of you folks who are already running on a regular basis should consider registering with the program in order to receive the awards you are entitled to—as well as the intangible ones of feeling better, looking better, and getting some fresh air.



The Cootie hat stands for more than secret initiations: it is a symbol of the organization of the Veterans of Foreign Wars, who lend a hand to help all hospitalized veterans.

Catching the Cootie Spirit?

by Penny Greer

The first time I saw the "Cootie" hat shown above, I began to wonder what kind of organization the Veterans of Foreign Wars (VFW) is. Well, I found out and thought that some of you might be interested.

The Military Order of the Cooties (MOC) is the honor degree within the VFW. They support local VA hospitals or, if none are available, local hospitals or nursing homes in their district.

You must be invited to join and you must be a member of the VFW for six months before you are eligible to be invited. Once you have accepted membership, you are required to go through three degrees of initiation. Since these rituals are SECRET, I don't know what happens during the "ritual", but I understand that new members really look forward to "getting" the next guy that joins.

The ladies are the MOCA (Military Order of the Cootie Auxiliary) and we, too, go through an initiation. Our posts are called Pup Tents and I am

a member of POT-O-MAC Auxiliary, Pup Tent 6.

The MOC and the MOCA support McGuire VA Hospital, Richmond, Virginia. The MOC and the MOCA go down to McGuire every fifth Sunday. When we arrive at McGuire, we are assigned one, two, and sometimes, three, wards. We go to the kitchen and make coffee and punch, and we fix our carts with different types of food and head for the wards. In the past, we have prepared ham biscuits, fruit and cheese treats, sandwiches and cookies, apple pie with cheese, et cetera, for the patients. We also take magazines, picture puzzles, and other items the patients might enjoy using. It is a wonderful feeling helping our veterans and we all enjoy our trips to McGuire tremendously!

If you are not a member of the VFW now, and you are eligible, there is a Post in Springfield and one in Woodbridge (located in Occoquan). Come on down, and, who knows, you, too, may soon be wearing a "Cootie" hat!

DMA Personnel Changes Announced

Appointment of Lawrence F. Ayers as DMA Deputy Director, Management and Technology, heads a list of top-level assignments announced by Major General Richard M. Wells, Director of the Agency. Ayers, now Deputy Director for Programs, Production and Operations, succeeds Owen W. Williams, who will retire in August.

Also retired, on 16 July, is Dr. Armando Mancini, Deputy Director for Systems and Techniques. He will be succeeded by Dr. Mark S. Macomber, presently Technical Director of the DMA Aerospace Center. New AC Technical Director will be Frank E. Roth, now Assistant Deputy Director for Production and Distribution at Headquarters.

New Deputy Director for HQ DMA-PP will be Allen E. Anderson, currently Assistant Deputy Director for Programs. Anderson will hold this post for one year, after which he will be reassigned to the position of Technical Director, DMA Hydrographic/Topographic Center. Dr. Kenneth I. Daughtery, presently HTC Technical Director, will then assume the post of PP at Headquarters DMA.

Thomas O. Seppelin, Deputy Director for PPO at AC, will succeed Roth as Assistant Deputy Director, Production and Distribution at Headquarters DMA. Charles D. Hall has been selected as Deputy Director for PPO at HTC.

All appointments will become effective on or about 22 August. Vacancy announcements leading to competitive selection will be posted to fill the slots of Assistant Deputy Director for Programming at Headquarters and Deputy Director for PPO at AC.

1982—National Year of Disabled Persons

On 26 April 1982, President Ronald Reagan issued Proclamation 4935, which proclaimed the year 1982 as the "National Year of Disabled Persons".

The text of the proclamation, in part, declared:

"The 1981 International Year of Disabled Persons, a celebration of the achievements and strengths of disabled persons the world over, has now concluded. In that Year, we were made aware of the many accomplishments of disabled persons, and we rejoiced at the number of lives that were made richer and more productive through education, rehabilitation, and employment.

"The impetus gained during this celebration must not be lost. We must seize the opportunities afforded by the International Year of Disabled Persons to increase our national awareness of what remains to be done in order to assure all disabled Americans full and active participation in our society.

"I call upon my fellow citizens in both the public and private sectors to join in mutual efforts to pursue the long-term goals set forth during 1981."

This Proclamation was further affirmed by Secretary of Defense Caspar Weinberger in a 15 July memorandum.

The memorandum reads, in part: "A key element in the National Year of Disabled Persons (NYDP) program is the national network of Community Partnership Committees which are working on a volunteer effort to expand educational and employment opportunities; improve access to housing, buildings and transportation; develop recreational, social and cultural activities; and plan accident and disease prevention programs. This extensive effort is necessary to eliminate barriers and prevent conditions which preclude over thirty-five million disabled Americans from participating fully in

the mainstream of life in our country."

DMA Director Major General Richard M. Wells, USA, has further amplified these goals by asking all members of the Agency and DMS to take an active part in the NYDP program.

In stressing his personal support to the NYDP goals of President Reagan and the Secretary of Defense, MG Wells adds, "I know that I can count on your personal involvement so that we in DMA can take pride in the achievements made during the NYDP observance, and beyond."

We will keep all members of DMS informed of all DMA activities in support of the NYDP, and will begin a series of articles on disabled persons so that you may better appreciate the goals of the NYDP.

WHAT IS THE DEFINITION OF HANDICAPPED?

According to the *OPM Handbook of Selective Placement*, a "handicapped person" is defined as an individual who has a physical or mental impairment that substantially limits one or more major life activities, has a record of such an impairment, or is regarded as having such an impairment.

Major life activities are functions such as caring for one's self, performing manual tasks, walking, standing, hearing, speaking, breathing, learning, and working. Impairments may be physiological disorders or conditions, cosmetic disfigurement, or anatomical loss. Also covered are mental or psychological disorders such as mental retardation, organic brain syndrome, emotional or mental illness, and specific learning disabilities.

HOW MANY PEOPLE ARE HANDICAPPED?

According to the 1970 census, the handicapped population of the United States is over 20 million—one of every 11 citizens. Conservative

estimates place the number of handicapped persons of work force age (16 through 64), and able to work, at 7.2 million. A far greater proportion of the nonhandicapped than of the handicapped are in the labor force. Of our total population, approximately 53 percent are employed; only 42 percent of the handicapped are employed.

A voluntary self-identification survey disclosed that in 1979, handicapped individuals made up 7.4% of the Federal work force who responded to the survey.

SPOTLIGHT ON...ARC

The Association For Retarded Citizens is just one example of a public health agency offering service to Americans with some forms of mental handicaps.

Organized in 1950 by a handful of parents and friends of mentally retarded persons, by 1981, the Association had grown to more than 300,000 members affiliated with some 2,000 state and local member units located across the nation and in U.S. territories and military installations abroad.

Since its inception, ARC has been a grassroots organization, emphasizing services and advocacy at the local level.

It is the largest national voluntary health organization and is devoted solely to improving the welfare of all mentally retarded children and adults without regard to race, creed, geographic location or degree of handicap.

Depending on where and how we draw the lines, retarded people in the United States number between four and six million. More than three million of these individuals are of employable age. The vast majority—more than 85%—are mildly disabled.

There is no sharp demarcation between normal and subnormal; nor are individuals who are retarded equally impaired in all human functions. There is evidence that

see NYDP, page 18

Processing Sexual Harassment Complaints

Sexual harassment is a violation of Title VII of the Civil Rights Act of 1964, as amended. OPM, OSD, and DMA have issued policy statements that harassment on the basis of sex is a prohibited personnel practice. Therefore, DMS employees who believe they are victims of sexual harassment should process such complaints through appropriate appeal channels. The following complaint procedures are available to DMS employees who are victims of sexual harassment:

Discrimination Complaint Process—For victims who feel that their harassment is a result of sex discrimination, with appeal rights to the Equal Employment Opportunity Commission, the Merit Systems Protection Board (MSPB) or the Federal Courts. (Reference DMA Instruction 1427.1, 18 July 1972, subject: Processing Complaints of Discrimination.)

Adverse Action Appeal System—For sexual harassment cases which result in an adverse personnel action such as removal, with appeal rights to the MSPB. (Reference DMA Instruction 1429.1, 1 August 1980, subject: Adverse Actions.)

DMA Grievance Procedure—For those who wish to seek relief within DMA management from sexual harassment. (Reference DMA Instruction 1428.3, 28 July 1980, subject: Employee Grievance.)

Internal Agency Investigation by the Inspector General—For sexual harassment allegations involving fraud, waste, or abuse of authority. (Reference DMA Instruction 5700.1, 22 February 1980, subject: The Inspector General Complaint System.)

External Investigation by the Office of the Special Council (OSC) of MSPB—For those cases when a prohibited personnel practice occurs, such as refusal to promote an employee who resists or protests sexual overture, the OSC may recommend corrective action or ask MSPB to “stay” the prohibited personnel action. (Reference DMA Instruction 1428.5, 2 September 1980, subject: Merit System Principles and Prohibited Personnel Practices.)

Sexual harassment is a serious problem within the public and private sectors, and one which often goes unreported for fear of reprisal. If any DMS employee needs guidance in understanding the complaint system, he or she may contact J. Robert Ainsley, EEO, x42182.

ANSWER TO “The Good Old Days”
MAJ Kinnan wrote “Life On the Third Floor” for the 18 November 1977 issue of the paper.



The last MP was the cornerstone of DMS, the “Maybe I’ll retire next year” SGM, Bill Locke, as surmised by summer hire Jeff Via.

“Not by his first name” refers to Bill going by “Bill” rather than “Charles”. He has been here longer than a decennial, thus the “older than ten” clue, quickly followed by “only the second”—referring to “C.W. Locke” the II.

You may have to go way back for the next facts: the SGM did indeed graduate from Construction Survey and was the Chief Surveyor for the Bangkok Road. “S.H. of the W.” refers to a nickname given to him by a past *Contour* editor—and you’ll have to search the archives if you want an explanation for that! “Fleating” was meant to lead you to his past and much-publicized hobby of string art.

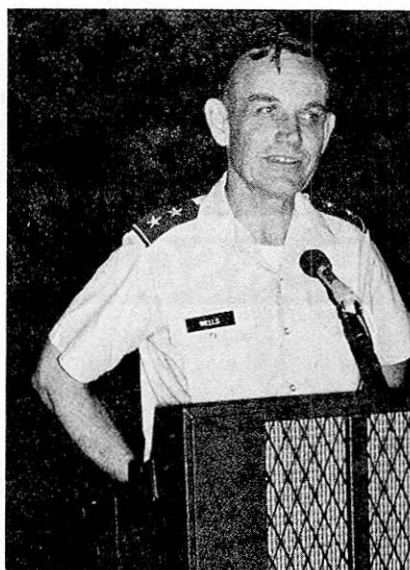
Do I need to explain the remaining pucker?



La Kid?

This issue’s MP is a follower of the crocodile and bass. Friendly, and relatively new on the scene, he nevertheless blows his own horn and can be found elsewhere in this paper.

Why? Lest my mouth get me in trouble, I won’t provide anything else except the little cheesecake you see above.



Speakers at the Decennial Observance: from left to right, Guest Speaker MG Richard M. Wells; former director COL Edward K. Wintz, and former director, COL Hector Wood.

DECENNIAL, cont. from page 1
Commander/Chief of Staff for the USAEC&FB.

COL Maurice K. Kurtz, the first Director of DMS, was unable to attend, but sent a congratulatory letter, which is printed in its entirety on the last page of this edition.

Other distinguished guests included all of the members of the Defense Mapping School, past and present, without whom there would be no reason to celebrate ten years of service to the armed forces and to the nation.

SGM Bill Locke, (with wife, Frances, in attendance) was the master of ceremonies for the observance, which began with a cake-cutting ceremony. MG Wells made the honorary first cut, with COL Wintz, COL Wood, and COL Stockhausen symbolizing the succession of DMS Directors by making subsequent cuts.

OPENING REMARKS

COL Stockhausen's opening remarks follow:

"Decade of Progress, Decade of Challenge is the theme of our Decennial. Looking back over the past ten years, DMS certainly has faced more than a few challenges

and has made some real progress. Not the least of these was the transformation from an internal teaching department of the Engineer School to a "full service" DoD school serving the MC&G training needs of all the Services. We have more than met that challenge as evidenced by the ever-increasing demand for training support from all the Services. In spite of a few rough spots along the way, our staff and faculty have melded into a pretty good joint service/civilian working group.

"Progress is also apparent in the continuing high caliber of our graduates in spite of the low caliber of some of the initial input. Overcoming a lack of basic math and measuring skills in many of our students has been a real challenge that has taxed the ingenuity of our instructors.

"Digestion of the GO/NO-GO system has also caused more than a few headaches, but we are well along that path now.

"Perhaps neither the challenges nor the progress of the first decade has been as dynamic as that experienced by the rest of DMA, but that is not unusual considering the nature of our mission to train troops for the military services. Computer technology is just now sifting into the

command, control, communication and intelligence elements of the field forces and will revolutionize the type of MC&G support required in the late '80's and the '90's.

"DMA has been experiencing the bow wave of this technology explosion in requirements for digital data products which will translate into changing training requirements for DMS in the coming decade.

"The mission of topographic troops on the battlefield, and even the question if they are needed at all, is gradually being sorted out by the Army and the Marine Corps.

"The change from a basic mapping mission to one of rapid response to terrain informational needs of tactical commanders will not only change the types of equipment in the MC&G units, but also the mix and skills required by the troops. Fewer, but more highly skilled troops will be required and our training emphasis will shift away from AIT courses to focus on advanced technical training for E-5's and E-6's.

"Technological changes will also impact the academic training environment and how well we can integrate new techniques of training

see DECENNIAL, page 11

DECENNIAL, cont. from page 10
into our programs will be a real challenge.;

"However, without challenges, there will be no progress. I, for one, am looking forward to what should be an exciting time in the next few years, fully confident that DMS will successfully meet all challenges and challengers."

CHARTER MEMBERS

After the Director's opening remarks, folks who had journeyed to attend the luncheon, as well as charter members still working at DMS, were asked to rise and were applauded for their early (and continuing) contributions to the School.

Charter members who were present at the luncheon included:

Ranks listed as they were on 1 July 1972.

SSG Norman C. Anderson, USA
MSgt Wayne G. Batts, USAF
SFC Jake P. Bernard, USA
Ms. Carla A. Davis
Mrs. Beverly A. Eppolito
Mr. James S. Ferguson
Mr. Edward F. Franke
CW2 Wilson G. Freeze, USA
Mr. Thomas E. Green
Mr. John L. Jacobs
Mr. Robert Jones
Mr. Alfred L. Josey
SP7 Richard H. Kottemann, USA
Mr. Clayton J. Kruck
MSG Charles W. Locke, II, USA
SP4 Howard L. Lucas, USA
SSG Charles W. Lundmark, USA
Mr. David J. Lynch
LTC Edwin J. Marcy, USA
Mrs. Catherine S. McCloskey
Mr. Wilbur E. McCullough
MAJ Bernard W. McIntosh, USA
CW4 Miles J. Mulholland, USA
CW2 Thomas C. Nolta, USA
CW3 Roger T. Pelletier, USA
SP5 Norman E. Price, USA
SSG Robert E. Rudy, USA
GySgt Ronald Wenrich, USMC
SSG Gene R. Willis, USA
WO Andrew Yacenda, USA
SFC Alexander Yovorsky, USA
Mrs. Joyce Zieres

QUIPS AND QUOTES

Not wanting to detract from the propriety of the decennial observance by including these quips in the article, we have decided to include these quotes alongside the article. As everyone knows, when DMSers get together, jokes are soon to follow:

From the audience, after cake-cutting ceremony: "Who gets to lick the sword?"

COL Wintz, during his cutting of the cake: "Can't tell if the line is straight. Is there a surveyor in the audience?"

COL Wintz, during remarks: "COL Carter sent his best and said he wished he could be here—but he'd rather play golf."

COL Wood, during remarks: "This mike is too high! SGM?"

COL Wood, during remarks: "The SGM has been here so long, he's a consultant. A consultant is CENSORED."

SGM Locke: 99.8% of all that he said.

COLONEL WINTZ

COL Edward K. Wintz, who directed DMS from 23 June 1975 to 10 April 1979, reflected on the relative stability of the School.

"Things really haven't changed," he noted, "One more rocker here, another grade there, a few more gray hairs for the civilians—and CW4 Chuck Rottmann hasn't changed a bit! You are one of the most robust and active organizations I have ever seen—have a happy birthday!"

COLONEL WOOD

COL Wood, after delivering more than one of his famous jokes, defined DMS as "200 strong, anxious and willing to do the job and deliver a well-trained soldier to the field."

Cautioning that "There will be a tremendous transfer of technology in the digital field in the next ten years," the former Director capped his remarks with an enthusiastic: "I know you can do it!"

As Director from 10 April 1979 to 10 July 1981, COL Wood also cited WOTAC, ITC, and Go/No Go, as well as the School's "tremendous morale", as accomplishments of which to be proud.

REMARKS BY MG WELLS

Guest Speaker MG Wells

discussed the formation of the Agency into a multi-service unit and noted, that by all indices, production has risen, thereby proving that the "experiment" was the correct thing to do.

He specifically cited DMS for such accomplishments as its 13,000 graduates and 18,000 MTT's; WOTAC; contributions in the digital and map distribution arenas; as well as support to the Engineer School and the Department of Labor's Apprenticeship Program.

"But the key to it all is people," he concluded. "Too often we become enamored of sophisticated equipment and forget this key element. I share with you a great sense of pride in the School and the Agency. Happy birthday."

AWARDS

The Decennial Observance was topped off with our traditional awards ceremony, as moderated by DMS Deputy Director CDR Kelson E. Slayman, USN.

Recipients of 1982 awards, whether bestowed at or after the luncheon, are listed below:

Performance Appraisal Certificates

Marjorie Kelley-SSP
Dan Risher-Outstanding
Penelope Greer-SSP

see DECENNIAL, page 12

DECENNIAL, cont. from page 11
MORE on pages 13 & 14

**Performance Appraisal
Recognition**

Helga Yovorsky-SSP
Eugene Murray-Outstanding

Service Certificates

Edward Franke-40 Years
Marjorie Kelley-25 Years
Fred Sisk-20 Years

Sick Leave Certificates

Richard Christ-2000 hrs.
Marjorie Kelley-1000 hrs.
Robert Jones-1000 hrs.
John Aranza-1000 hrs.
John Jacobs-1000 hrs.

PT Certificates of Achievement

CW2 Dennis W. Johnson
CW2 Norman E. Price

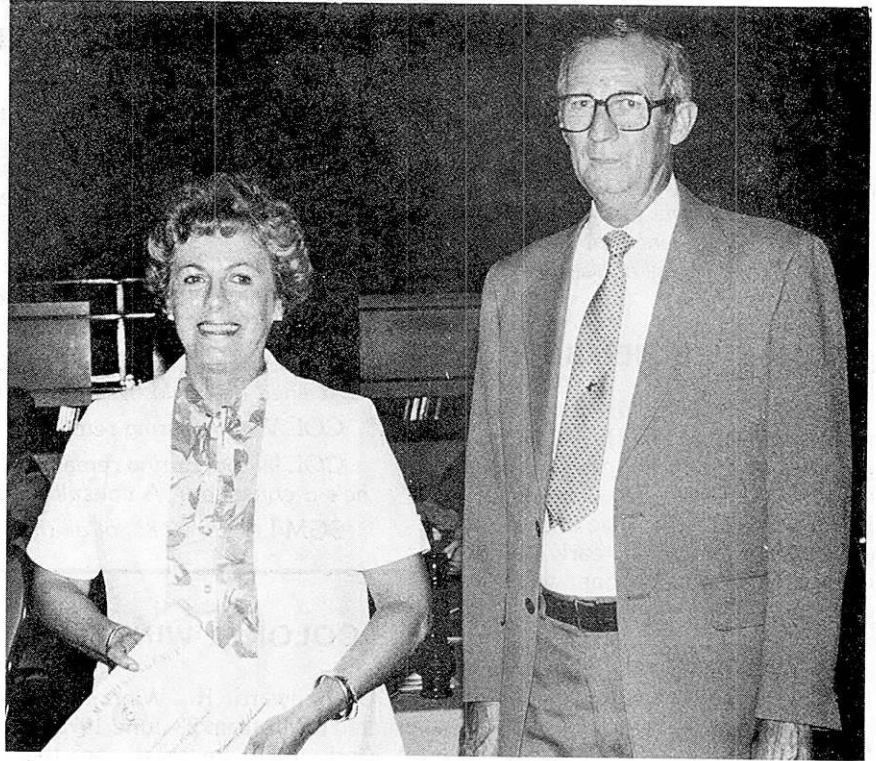
Blood Donor Certificates

John Jacobs-5 gallons
SGM Gerald Watson-2 gallons
James Ainsley-2 gallons

Master Instructor Certificates

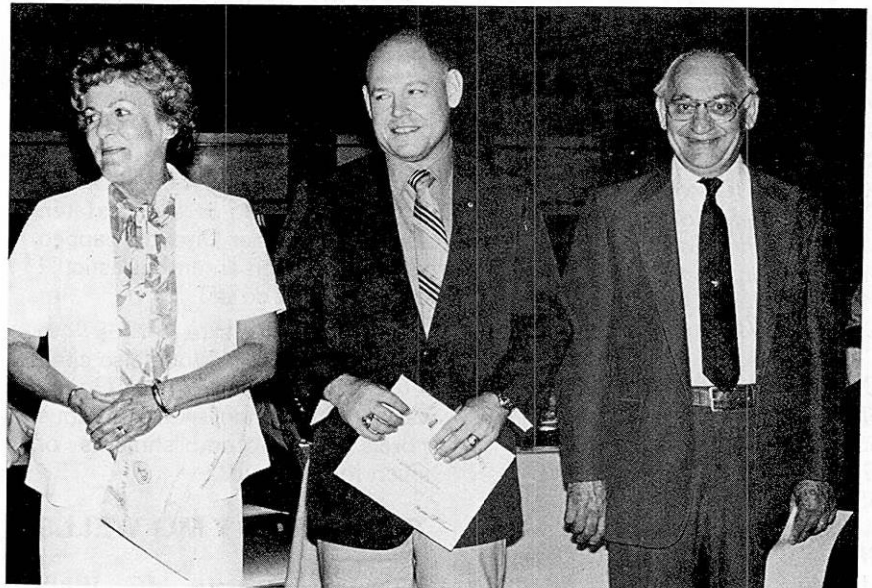
SSG Robert Davis
LICM William Portt
SMSgt Norman Cogswell
MSG Francis Karl
SFC Ronald Edwards
Mrs. Catherine McCloskey
Mr. Louis Lash
Mrs. Sue Kersey
SSG George Michaud
SSG Edward Santos
SSG Willie Heard
SSgt Richard Rogers
Ms. Gina Lynch
SSG Sandra Rivella

Thanks to all who contributed to the organization of the Decennial Observance, and to the approximately 175 who made it a memorable day of days in the first ten years of the Defense Mapping School.



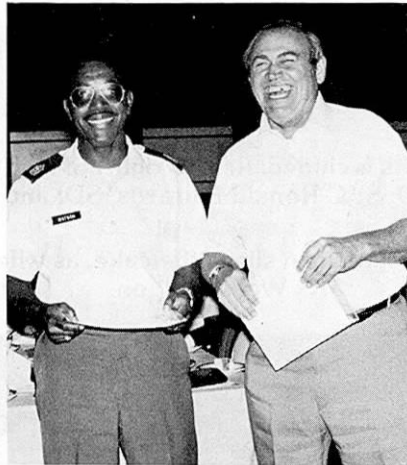
Above, Performance Appraisal Certificates were awarded to Mrs. Marjorie Kelley, the Office of the Director, who received a Sustained Superior Performance Award; and Mr. Dan Risher, from the Department of Survey, who received an Outstanding Performance Appraisal.

Below, Service Certificates were awarded to hardy souls, Marjorie Kelley, Office of the Director, for 25 years of service; Mr. Fred Sisk, of DCAG, for 20 years of service; and Mr. Ed Franke, of PBO, for 40 (count 'em) years of service.





TOP, from left to right: Sick Leave Certificates were presented to Marjorie Kelley, 1000 hours; Robert Jones, SD, 1000 hours; and John Jacobs, GAD, 1000 hours.



CENTER, left, maximum PT points were accumulated by (left) CW2 Dennis Johnson, and (right) CW2 Norman Price.

CENTER, RIGHT: SGM Gerald Watson (left) received a blood donor certificate for accumulated donations of 2 gallons. Jake Jacobs checked in for a whopping 5-gallon blood donor certificate.



LOWER CORNER: Master Instructor Certificate recipients included: (left to right) SSG Willie Heard, SD; SSgt Richard Rogers, SD; Ms. Gina Lynch, SD; and SSG Sandra Rivella, DCAG.

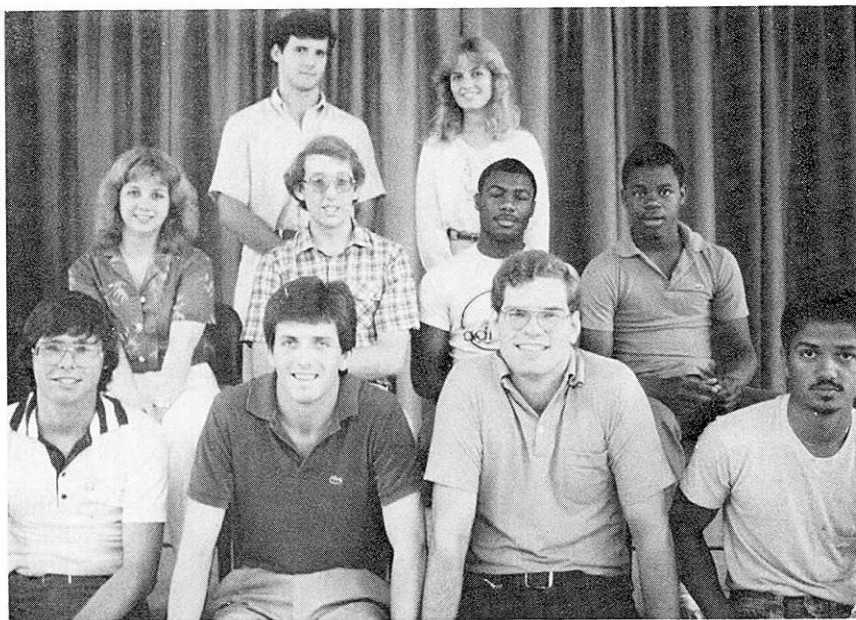


ABOVE, Master Instructor Recipients included: (left to right) SMSgt Norman Cogswell, GAD; Mrs. Sue Kersey, DCAG; MSG Francis Karl, SD; SFC Ronald Edwards, SD; and Mrs. Catherine McCloskey, GAD.



BELOW, DMS Director Colonel Stockhausen slices the cake, as wife, Jo, COL Wood, COL Wintz, and MG Wells look on.





First row, left to right: Bob Watts, Jeff Via, Ross Bartell, and Tony Settles. Second row: Kris Yergin, Kevin Davidson, Rudi Jackson and Clay Jackson. Standing: Rick Simmonds and Kris Moore. At far right: Holly Stevenson.

The Tide Rolls In—Summer Hires 1982

Even when the air conditioners falter and the faculty and staff swelter and summer lassitude overcomes us all, there's that annual spark of freshness and youthful vigor called: SUMMER HIREDOM! (Can I get that one past my proofreader?)

This summer we have been graced with six veterans and seven new faces—all performing a variety of tasks that make us appreciate the yearly return of the tide.

TDE, specifically the H/P Graphics' Shoppe, has two returning "view-graph engineers", Kris Moore and Ross Bartell, and a new addition, Rick Simmonds.

This is the second summer of graphics' experience for Kris, and she reports that she has finally learned to say "Y'all". Ms. Moore is a rising junior art therapy major at Emmanuel College, in Bah-stun, Massachusetts. She is also the sister of former DMS instructor, CW2(P) Garry Moore, now assigned to MERADCOM.

Most of Kris' extracurricular activities revolve around her interest

in art, but she also enjoys photography, running, swimming, deep-sea fishing and—stand back!—punk rock music.

As an editorial clerk in the Graphics Shop, she has become a most capable operator of the COMPSET 510, performing all typesetting for the course booklet, as well as making view-graphs, charts, and performing assorted artwork.

Ross Bartell, a June graduate of Virginia Polytechnic Institute with a degree in civil engineering, was a bonus returnee this year, after proclaiming last year as his final one in the Graphics Shop (was it something that we said?).

This is his third summer of view-graph and chart making (not to mention carrying bundles from Supply and performing necessary surgery on the Process Camera). Meanwhile, Ross is busily engaged in finding permanent employment, perhaps with DMA (well, we hope so).

An enthusiast of outdoor activities, Ross especially enjoys caving and hiking in Blacksburg—and any other place one may find a cave or reasonable facsimile thereof. A resident of Burke, he also enjoys photography and has recently acquired an interest in—chocolate.

Rick Simmonds rounds out the Graphics trio in a well-rounded way. He has just completed his second year at Virginia Polytechnic Institute, where he is majoring in architecture. A Woodbridge resident, Rick's official title this year is "office draftsman", but he describes the work (with a smile) as "view-graph engineering".

With an avid interest in airbrush painting and sculpture, Rick fits in quite well with the rest of the crowd. He counts weightlifting, tennis and racquetball as his favorite sports activities. Like Ross, he has been caving—"but only out of necessity".

see TIDE, page 16

SUMMER HIRE QUIZ: Which DMS summer hire gets two tickets for every upcoming Redskins' game—possible strikes notwithstanding. More importantly, can he be bribed?

It's Jeff Via ("Vhy"), the very personable and "proud to be a prep" clerk-typist in DCAG. Jeff has returned for his second year of work and cheese-cake baking with Bev Eppolito.

His primary DCAG tasks include running up and down the hill on mail-pickups several times a day, typing the omnipresent lesson plans, texts, and EERs. He is presently attending Northern Virginia Community College (NVCC), where he is studying business administration with the single-minded goal of becoming a millionaire. Jeff plans to transfer to a four-year college for his degree.

Dancing, eating, tennis, track, basketball and racquetball are among Mr. Via's favorite activities. His Redskin tickets are earned by virtue of the fact that he plays clarinet well enough to earn a position in the team's official band.

We hope there will always be a Yeargin in TSD!

This year, the bright young woman behind the phones and typewriter is none other than Kristi Yeargin, Kelly's younger sister. Kris reports that most of her time is spent typing lesson plans, but the day this reporter was in the office, there was also a delicious fudge M&M cake around. (The cake included a liberal sprinkling of the green ones!)

Kris is a 1982 graduate of Hayfield High School and resides on Post with her family. Her father is in the Air Force and works on North Post.

Like Kelly, Kris will be attending Kansas State University for her degree. (The first green M&M lover has graduated and plans to marry in January.)

Kris will be studying either accounting or computer science come this fall. Her off-duty activities



Scott McKinley

include sewing, shopping, swimming, and football.

NOTE: Kelly must have told her all about the nuts in CPT Tuttle's office as Kris is handling them very well.)

Mr. Rudi Jackson is this summer's Wheeler Hall "please fix and paint everything" expert. Rudi is a senior at T.C. Williams High School, where he has distinguished himself on the school's football team as a running back. He plans to attend Norfolk State College when he graduates, where he will study business administration. In addition to football, Rudi enjoys swimming and fishing.

A resident of Alexandria, Rudi has one sister, named Kim.

Every summer there's an accumulation of tasks such as painting, trimming the bushes, and manicuring the DMS lawn that make us very happy indeed to have people like Mr. Jackson around.

Bagley Hall is similarly fortunate to have Clay Jackson and Leonard

Settles on board this year. (And believe me, with LICM Portt as their supervisor, they feel "on board"!)

Clay will enter the 11th grade this year at T.C. Williams High School, where he has spent the last two years concentrating on computer training courses such as computer technology and mathematics, a field he is considering entering as a profession. Clay is also interested in electronics.

His favorite off-duty activity is basketball, and he has two sisters and three brothers.

Leonard "Tony" Settles, the other of GAD's experts in fixing, painting, and organizing, is a 1982 graduate of T.C. Williams High School.

Tony originally came to Alexandria from Warrenton, Virginia, and is now seriously considering seeing more of the country, and many other countries, by joining the Navy under the delayed entry program. (He'd actually enter service in November under the plan.)

His work around DMS has enabled him to get first-hand accounts of the Service life. If he finally does decide to join, Tony is hoping that his travels will eventually take him to the South Pacific.

Two years of study in the field of electronics in high school were enough to convince Tony of where his talents and interest lie, and he plans to continue in the profession after joining up.

In his spare time, Mr. Settles enjoys music, magazines—and in-depth automotive repair. He recently took his Opel apart and is now busily engaged in putting it back together again.

At the University of Virginia, there are no seniors—only fourth-year students, and Ruth Soward, now returning to DMS for her third summer, falls into this category. Ruth is double-majoring in psychology and speech com-

see TIDE, page 17

TIDE, cont. from page 16

munication with an eye toward working with some aspect of the media (television, radio, publishing, or advertising) when she gets out.

An Alexandria resident, both of Ms. Soward's parents are employed on Fort Belvoir; her mother at MERADCOM, and her father at FESA.

Ruth enjoys sewing, swimming, tennis and ignoring CW3(P) Tom Nolta's jokes. She has been designated the official Survey curator this summer, spending much time lifting fifty-pound ancient survey instruments and examining them so they may be catalogued for appraisal and records purposes. She also fills in as a typist when Joyce leaves each afternoon, and performs a hundred other odd jobs, acting as librarian, view-graph maker, and chief Xeroxer. Ruth has also mastered the most difficult task of maneuvering a golf cart around foursomes of crazy golf-swingers!

Another returning veteran is Ms. Holly Stevenson, assigned to PBO for the second year in a row, this time as a clerk-typist. Holly has held a variety of DMS jobs, spending her first summer here two years ago as an editorial assistant on the *Contour* (so close to this reporter's heart!).

She spent last year as an accounts maintenance clerk, but has now traded her calculator for an inseparable relationship with the Lanier.

She will be a junior this year at Lynchburg College, where she is majoring in business management, and thinks she would like to eventually enter the computer field.

Ms. Stevenson is an Alexandria resident, born and bred, and enjoys tennis, camping, racquetball, softball, and maintains a personal interest in the world of Navy submariners. She has also spent a lot of time traveling this summer: to Maine, South Carolina, and Norfolk ("constantly"—something to do with her interest in one submariner in particular).



Ruth Soward

Scott McKinley is one of the trio of guys assigned to DCAG this summer—the other two being Jeff Via and Bob Watts. Scott is primarily involved with the cartographic side of the house, where he has been busily aiding the instructors with lesson plans, filing, and drawing maps—as well as a few other miscellaneous matters.

A 1979 graduate of Chantilly High School, Scott spent over a year at Virginia Polytechnic Institute before transferring to George Mason University in Fairfax, where he will pursue a degree in geography.

Scott now resides in Chantilly, but spent some years at Virginia Beach where he became an enthusiast of surfing and sailing—activities he pursues at every opportunity. The son of a (now retired) Navy man, Scott has been fortunate to travel to such places as California, Connecticut, and many other places in the U.S.

This is the second summer on our Supply-side for Kevin Davidson, who is clerk-typing his way through school at VPI. But Kevin is the exception to most of our other VPI hires—he's planning to major in an arts and sciences field, rather than engineering.

Kevin is a Lorton resident,

originally from Texas. He has spent most of this summer working under the eagle eye and the sharp tongue of friendly Mr. Nonnemacher, conducting inventories and helping in the massive turn-in of excess supplies.

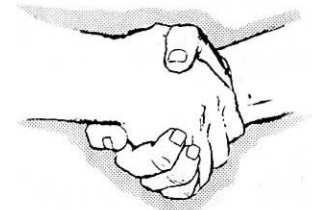
His off-duty hobbies include photography and astronomy.

Bob Watts, who has been doing a lot of artistic cartoon work for the DCAG CONSD multi-media show this summer, is a resident of Dale City. Born in Wiesbaden, he is the son of an Air Force man, now stationed on North Post.

Bob is a 1982 high school graduate and will attend NOVACOCO this fall, where he will study either drafting, illustrating, or computer science—or a combination of the three.

When he's not helping out CPT K. in the Penthouse, Bob enjoys archery, hiking, and listening to rock and roll music.

Have We Met?

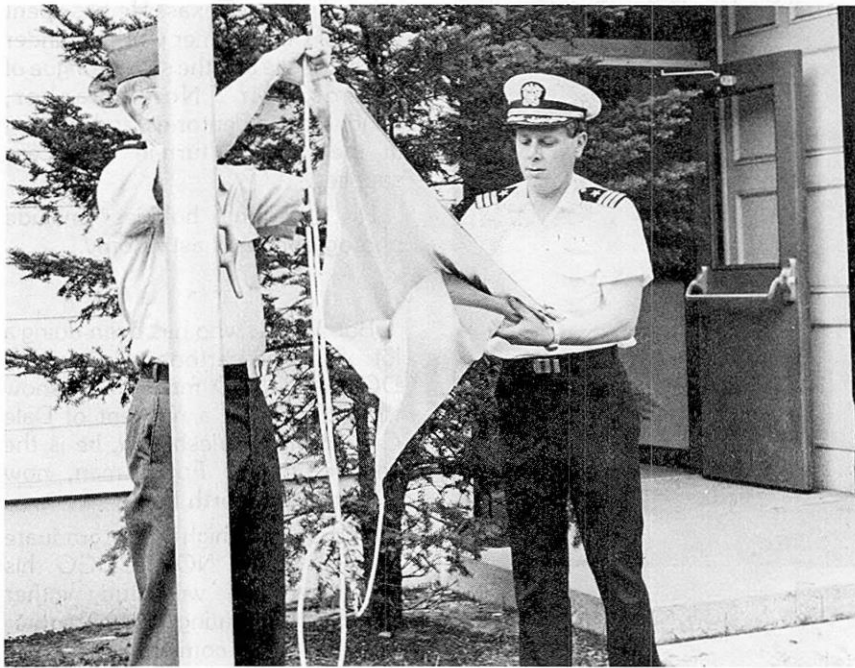


Linda Fleming

We are all familiar with Ms. and Mrs. and Miss—but do you know what a MIS is?

Ms. (MIS?) Linda Fleming is the new—and we mean *new*—DMS Management Information Specialist. She is assigned to the monumental task of taking inventory of the various bits of information that come out of each office and department in the School, and then transforming these into one uniform, DMS-wide,

see LINDA, page 19



They were waiting for—the first raising of the DMS colors, as ably assisted by CDR Kelson E. Slayman, DMS Deputy Director, and SGM Charles W. Locke, II, Chief Instructor. (In this picture, the CI is masquerading as a flag pole.)

COL Stockhausen was also on hand to make remarks.

The entire assemblage assisted in providing a gusty wind (“one, two, three—blow!”) to make the flag actually fly!



The Good Old Days

In keeping with the theory that the more things change, the more they remain the same, I am beginning a new, regular feature called, “The Good Old Days”, featuring reprints from the spicier portions of past Contours. Anyone care to guess the date on this one? Answer on page 9.

Life On the Third Floor

by MAJ Kinnan

When the time of the big move at Wheeler came—December 1975—there was much weeping and gnashing of teeth. Looking back, however, that move did plenty to help the organizational aspects of teaching. Departments were consolidated on separate floors. The negotiations as to who got which floor were intense.

In retrospect, the Department of Cartography and Applied Graphics made out like a bandit. No one ever

dreamed of all the benefits which would accrue to those individuals who inhabit the third floor.

The time has come to reveal all! The list below is only a partial one since some of the benefits are secret:

- * Built-in exercise program.
- * Inspectors and staffers never seem to have the energy to make it to the third floor. (The exceptions are so tired by the time they arrive that their vision is impaired.)
- * Screams from students cannot be heard at street level.
- * Latrine overflows run downhill.
- * Departmental personnel can look down on everyone in the School.
- * Most tours by VIP’s are compressed to a maximum of three minutes due to accrued overtime of other DMS briefers.
- * The hike upstairs takes the

morning edge off most students, enabling them to buckle down and work.

Yes, third-floor occupancy has its bennies. But, principally, living in this rarified atmosphere permits DCAG chiefs and indians to keep their heads in the academic clouds while at the same time concealing their feet of clay in the swirling Olympian mists.

NYDP, cont. from page 8

many mentally retarded persons have average or superior abilities in some respects. They are proficient in some areas and deficient in others. Retarded persons differ as much among themselves in their patterns of assets and limitations as do others, but their overall capabilities fall short of what is expected for people of their age and experience.

Like other people, mentally retarded individuals usually want to be independent and responsible for their own support. When properly placed and supervised, they can be assets to a work force.

(Sources for this article include the OPM Handbook of Selective Placement and the National Health Agencies Directory.)

LINDA, cont. from page 17

information system. Because of the nature of her job, many of you may already have chatted with Linda, and realized that she will make many of our jobs easier, or at least more "manageable".

Ms. Fleming is a native Washingtonian (D.C.) who now resides in Falls Church, Virginia. She earned an undergraduate degree in Business Administration at Morgan State University in Baltimore, Maryland.

A seven-year civil servant, she started her federal career with the U.S. Public Health Service (PHS) of the Department of Health and Human Services (DHHS). While at DHHS, Linda was employed as a statistician at the National Center for Health Statistics for four years. Prior to coming to DMS, she worked as a

program analyst in the Bureau of Health Profession's Office of Program Development, Management Information Systems Branch for almost three years.

Responsible for preparing BHP annual statistical publications and processing BHP computerized information requests from staff, Congress, colleges and universities, Linda began to take computer courses, feeling that it was essential to understand the files and database design of the large-scale PHS information system. After experiencing excessive "computer down-time", frustrated BHP management initiated a study for the development of its own information system. Intrigued with the systems analyst's responsibilities and desiring to become a part of the study team, Linda pursued training in this area. She is continuing formal training in computer science at the Southeastern University in the fall.

Clara Norwood

PBO has been blessed with quite a few additions in the past year and a half, and the latest member of the clan is Mrs. Clara Norwood, our new budget officer.

Mrs. Norwood, a native of Arizona, started her Civil Service career as a clerk-typist at Fort Huachuca, Arizona. She became interested in the budget field and began taking courses and gaining job experience in the resources management arena in order to become qualified.

She made the trek eastward after being selected to participate in the Secretary of the Army's Budget Internship here on Fort Belvoir. After 18 months of training in the Fort Belvoir Budget Office, she became a program analyst in the Directorate of Resource Management here on Post—and then we were fortunate to have her come on board here at DMS. She is charged here with the immense responsibility of planning and executing our budget.

Clara and her husband, Jim, make their home in Woodbridge. They have four children and an equal number of grandchildren. When time permits, they enjoy sightseeing and travel.

Remember Son of George?

by CPT Kukoski

SSG Daniel Patton is six feet tall, with red hair and blue eyes. Could he be the son of George? After pondering this possibility for a moment, a sheepish grin comes over SSG Patton's face. He says, "I know what you are thinking. Yes, my father is George Patton, but not the one you are thinking about. He is the tool and die maker from Minnesota."

SSG Patton set out from Minnesota to be a surveyor. He has been to Korea, Texas, and California. His assignment to the Defense Mapping School came as a "surprise" because he wasn't expecting to leave Fort Irwin so soon.

At Fort Irwin, he was with the 63d Engineer Detachment and when they "deactivated" he was assigned to work with an HET company. HET is not a new mapping system, but a heavy equipment transport. The vehicle moves heavy equipment, like M-60 tanks from one place to another. The largest piece of equipment Dan saw the HET move



SSG Daniel Patton—no relation to the General!

was a tank retriever. Of his experience as a 64C with the HET, he remarks, "They're big!"

Have We Met?

Now that he is at DMS, he concludes, "I have arrived and I am glad."

A man of few, but well-chosen words, SSG Patton is ready to begin his assignment as an instructor. When not reading up on drafting, Dan enjoys fishing, swimming and bicycling.

Welcome aboard—son of George!

Nancy Berry

Meet Nancy Berry—one of the new and cheery faces in AMS-Logistics.

Nancy, who has a one-year assignment as a clerk-typist, is a 1981 graduate of Stafford Senior High School, where she studied typing and general business. (She also took child care classes; experience in this areas will come in handy this fall, when she will become an aunt, not once, but twice!)

Born in Alexandria, Nancy has lived in Manassas and Stafford for the last 14 years. Her prior work experience includes employment at a day care center and as a secretary at an insurance company. Her present DMS duties include typing, answering the phone—and a lot of “whatever”!

Nancy’s favorite extracurricular activities include swimming, “four-wheeling”, and ice and roller skating.



She is also an avid Texas letter-writer, as her long-time steady, Darin Mizelle, is now attending college in our longhorn state.

Great to have you aboard, Nance!

Yovorsky Wins Award

Let’s see—will it be a new set of golf clubs for Al and Helga Yovorsky?

CW3 Alexander Yovorsky was the recent recipient of a MERADCOM suggestion award, with a cash “prize” of \$1,958.02. The award was presented by Colonel Andre K. Reiser, Chairman of MERADCOM’s Incentive Awards Committee. Mrs. Betty Sheets, the incentive awards administrator is also pictured below.

COL Stockhausen, LTC Zebell, and your trusty photographer also made the visit to MERADCOM to observe the presentation of the award.

Al had suggested that one type of pin punch register board, rather than another, more expensive one, be purchased. His suggestion resulted in tangible savings of \$41,934.12.

Congratulations to Al and Helga. If not the golf clubs, how about a trip to Germany?



\$\$

\$\$



he leaves the Army after 14 years of Service and heads home to Deer Park, Washington.

SFC Kirkpatrick, who joined DMS as an instructor in April of 1977, received the JSCM for work accomplished here.

The citation reads, in part: "SFC Billy J. Kirkpatrick distinguished himself by meritorious service while serving as an instructor, 29 April 1977 to 10 June 1982. During this period, Sergeant Kirkpatrick made vast improvements in the Construction Survey Course through the development of pertinent and imaginative instructional material. His concern for student welfare and instructor expertise have enhanced student comprehension of highly technical materials and contributed significantly to the successful completion of the School's training mission."

SFC Kirkpatrick received a calculator from all of his friends and "family" in SD—as well as many good wishes for a happy ETS in Washington State.

Dave Lehman, Acting Chief of the Department of Survey, presents the citation for the JSCM to SFC Kirkpatrick.

Kirkpatrick Heads Home to Deer Park

Most of the Survey Department turned out at a recent Rocker Club luncheon to bid farewell and best wishes to SFC Billy J. Kirkpatrick, as

A Master's Stripe For Sarge Cruz?

The SFC is no longer a (P).

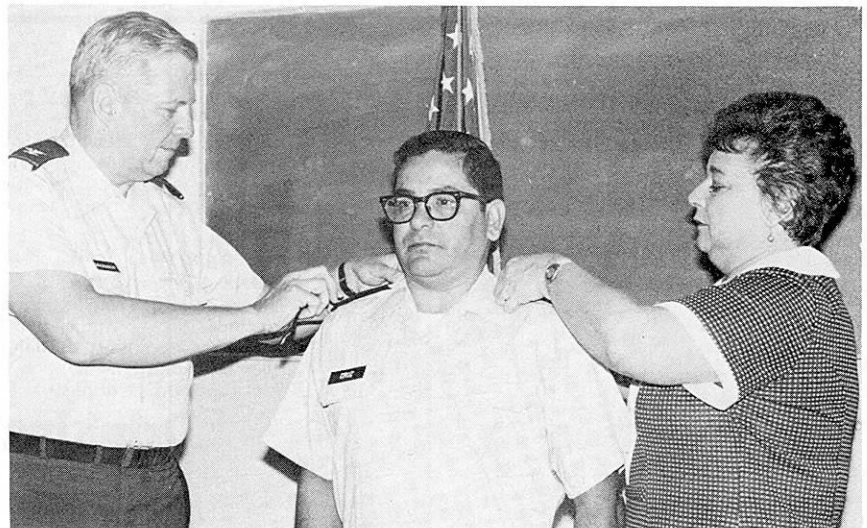
Yes, it's official. You may now refer to Ricardo Cruz, printer and bowler, as MSG. (Or you can call him Rick, if you're really close; or Ricky, or...)

The honors were recently conducted in a GAD departmental ceremony with COL Stockhausen aiding on one shoulder, and Doris Cruz, Rick's wife, on the other.

Rick, who rejoined the School last fall after serving for a year in Turkey, is an original Jake Jacob's graduate. The new MSG has spent two previous tours at the School: D/TOPO in 1969-71; and DMS, 1972-76.

But this is his first tour as an MSG! Our congratulations to the Cruzes.

Doris Cruz and COL Stockhausen aid the new MSG in pinning on an eagerly-anticipated master stripe.



FLORIDA INSTITUTE OF TECHNOLOGY
MELBOURNE, FLORIDA 32901

Department of Civil Engineering

Phone: (305) 723-3701

June 8, 1982

COL William T. Stockhausen
Director
Defense Mapping School
Fort Belvoir, VA 22060

Dear ^{Bill} Colonel Stockhausen:

On the occasion of the tenth anniversary of the Defense Mapping Agency and of the Defense Mapping School I offer my congratulations to all for a job well done and send best wishes for continuing success.

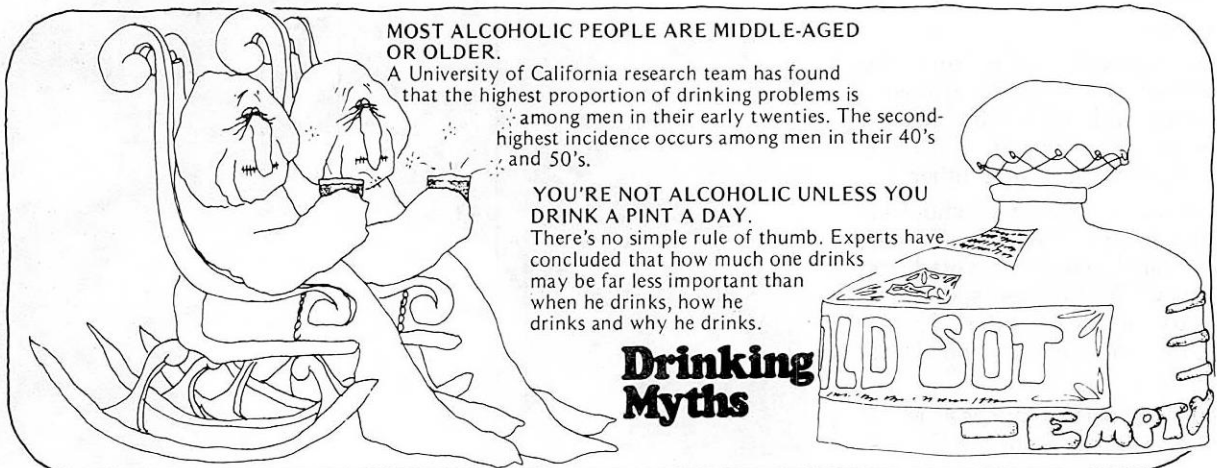
When I compare the thorough methods used to develop course content; the excellent performance of the instructors, willing to travel anywhere; and the outstanding performance of your graduates I know that the Institution is in good hands and can serve as a model for most civilian training establishments.

I am proud to have been a charter member!

Sincerely,



Maurice K. Kurtz, Jr COL, USA (Ret)
Associate Professor of Civil Engineering





Rainy Tourney—Pages 15-18



CONTOUR

Volume 9, Number 11

Defense Mapping School

September 1982

Shuler Receives JSCM; Jens Commended For Tucson Work

Director Presents Awards To Two

On 11 August 1982, before a school gathering in the Heitmann Auditorium, Colonel Stockhausen presented the JSCM to GySgt Tommie Shuler, GAD, and letters of commendation to CPT John Jens, of TSD.

CPT Jens, who arrived at DMS in May as an instructor in TSD, received numerous letters of commendation for service provided to the Corps of Engineers on the Tucson Urban Study.

In forwarding the letters, MG Richard M. Wells, DMA Director, wrote: "You demonstrated a high degree of professionalism in your position with the Corps and I know that you must have found the job very rewarding. It is always a pleasure to have people of your

caliber assigned to the Defense Mapping Agency."

Excerpts from each of the five letters follow:

Letter from Morris K. Udall, U.S. House of Representatives: "For the past year and a half, my district office staff has had the pleasure of working with Captain John Jens on a variety of issues of great importance to the people of Southern Arizona. Captain Jens was probably the most stabilizing influence within the Water Resources Coordinating Committee, which kept many competing water interests talking to each other over the past three or four years."

From COL John E. Morton, USAF, Base Civil Engineer, Davis-Monthan AFB: "I would like to

commend Captain John C. Jens for the outstanding support he has provided this organization and Davis-Monthan AFB. Captain Jens is a highly professional officer and exhibits a high degree of enthusiasm for his job and the military. In his two and one-half years as Tucson Urban Study Manager, he represented the Corps of Engineers in a highly outstanding manner."

From C.H. Huckleberry, Director, Pima County Department of Transportation and Flood Control District, Tucson, Arizona: "I would like to write and express our appreciation of Captain Jens' efforts in completing the Tucson Urban Study. Captain Jens always

see AWARDS, page 5

AAFES Notes

by SGM Bill Locke

Headed to Europe? A new program to save you \$ will introduce remanufactured auto parts. In days past, only original equipment parts were sold.

A few changes in the AAFES layaway plan: new \$1 charge for all layaways but old \$3 cancelling charge abolished. Each transaction actually costs \$2.17 so a one-dollar charge isn't too shabby. Worldwide, layaways cost AAFES \$17 million a year.

A lot of us use AAFES outlets as "banks", cashing checks and not spending one cent of it as we leave the store. This service will continue, but be advised that operational costs are on the rise—28 cents for each check, a cost borne by AAFES, not the customer (directly, anyway) for a total of \$17,000,000 annually.

Due to the leaner, meaner and trimmer military bod, AAFES is now "marrying up" smaller waist trousers with the same old coat. Used to be a size 40 coat was wed with a 34 waist trouser—no more, now it's a 33 waist. I guess you could say we're just *waisting* away, or at least it *seems* that way.

If you're into videotape rentals, our own exchange now provides that service. Since I don't have a playback unit and therefore have not the occasion to rent tapes, I cannot tell you if it's significantly cheaper. However, in keeping with AAFES policy, it must be some percentage

cheaper than the average of stores surveyed—and, of course, it's more convenient. Depending upon your viewing taste, you may or may not want to know that the tapes under the counter are the same as those displayed above the counter.

Furniture rental is now a possibility at larger (like Fort Belvoir) exchanges—if service is requested by the command.

BDU backorders are in the hundreds of thousands. Probably going to make it difficult for some of us with odd sizes to make the 1 October deadline.

Don't forget, DMS has a consumer representative for AAFES matters in the form of yours truly. It is *always* best, however, if you deal one on one with retail managers in case of complaint. If you need guidance, want to talk about policy, or whatever (well, almost), let me know.

Class Notes Class Notes Class Notes Class Notes

FALLING LEAVES

Researching "The Good Old Days" is always a dangerous undertaking. When flipping through eight, or so, years of *Contours*, it's "oh so easy" to become mesmerized by the hobbies, faces, and concerns of the past. Animals—a whole issue devoted to squirrels, including owners Sherry Bowers and Dan Risher. Goats, a la CW4 Stevens. A visiting pig, pigeon, and bat. Top Sutton transformed into a pussycat.

Poems, paintings, cartoons, golf, fishing—it's all packed in there, gathering a different flavor as years go by. Directors change, people shift in and out, and editors come and go.

Three hours later, I'm still looking for the "perfect" article for the "Good Old Days". There are so many to

choose from, and I begin to suffer terminal nostalgia for days I never knew. Meanwhile, my supervisor is wondering what I do for my paycheck and all the unlabeled pictures in the morgue are taking on names.

Enter SGM Locke, the original idea man, who suggested some months back that I reprint an article on "Why Leaves Change Color", purportedly by Myles J. Mulholland, and a "real favorite" of years gone by. SGM first made this suggestion four months ago and then we searched and perused and looked some more. We looked again recently, with fall rapidly approaching, and the leaves looking like they will wait for no man, nor woman, nor deadline. We find many worthy articles by Mr. Mulholland, but, alas, none on leaves.

By this time, I am accusing the SGM of dreaming, and he's thinking I may be right. So, I appeal to all you folks in *Contourland*—and Myles, if he is listening—does anyone recall such an article? Please call me if you do, so I can get some sleep tonight.

FANTASTIC FANTASIES

I'll be making my annual rounds to find out what you are all planning to be this halloween—and if you think that's a silly idea, wait and see what I have planned for the holiday issue.

DING, DONG, SGM CALLING

This is a serious request by a serious musician who is recruiting folks who can read music and would like to join

see CLASS NOTES, page 3

The Defense Mapping School *Contour* is an authorized newspaper, published monthly by and for the DMS, 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: Linda Stacy

CLASS NOTES, from page 2

the Fort Belvoir Bell Choir. If you think you might be interested in striking a harmonious chord with this truly magical group, which plays for local church-gatherings, please call SGM Bill Locke at 664-2985.

A WARRANTED WILSON

Congratulations are in order for GySgt Paul Wilson, who was recently selected for appointment to warrant officer.

NO GO

Despite the very best efforts of CW3 Chris Nohe, who achieved a 50% success rate (almost a "GO"), nobody phoned in all of the correct answers to the last "Missing Persons" puzzle. Here, courtesy of Maj MAC, are the correct responses:

- 1) Joyce Randolph-cast of the "Honeymooners".
- 2) Jack Paar, hosts of the "Tonight Show".
- 3) Doc, from the seven dwarfs.
- 4) William Frawley, from the cast of "I Love Lucy".
- 5) Al Jardine, from the Beach Boys.
- 6) Carl Reiner, from the cast of Sid Caesar's "Show of Shows".

SUPERBOWL 1983

The puzzle for this issue involves a bit of logic, a lot of common sense, and picking the correct team for the



BE-WITCHED!

The Fort Belvoir Enlisted Wives Club is sponsoring a costume ball on Saturday, 16 October 1982, 1800 - 0100. Everyone is invited to join in on the festivities, which include a cocktail hour, buffet dinner, dancing, and \$1000 worth of door prizes. Costumes are REQUIRED, so start planning now. Tickets are \$10.00 and include the dinner, and dancing to the sounds of Eastern Blend. For more information, call (daytime): Debbie, 781-8874 or Charlene, 781-7309; (evenings) Janice, 360-3944, or Gerda, 781-9163. Come and unmask at the witching hour!

CONGRATULATIONS...

...to Colonel Stockhausen on his recent election as President of the Society of American Military Engineers here on Post.

REASONS TO CELEBRATE?

September

- 17—Citizenship Day
- 17-23 Constitution Week
- 18—Rosh Hashanah
- 18—Air Force Birthday
- 19—World Peace Day
- 20-26 National Child Care Week
- 23—Autumn Begins
- 24—Native American Day
- 27—Yom Kippur

October

- 1-7—National Employ the Handicapped Week
- 3-9 Fire Prevention Week
- 4—Child Health Day
- 10-16 National Handicapped Awareness Week
- 11—Columbus Day Holiday
- 13—U.S. Navy Established
- 16—National Boss Day
- 19—Yorktown Day
- 25-30 Energy Awareness Week
- 31—Halloween/Daylight Savings Time Ends

EVERYONE KNOWS THAT, ANYWAY!



... They certainly do, now! Use the proper method for disposing of classified waste.



- 1) There are three numbered statements in this box.
 - 2) Two of these statements are false.
 - 3) The New England Patriots will win the Superbowl in 1983.
- PUZZLE: Is statement number three true or false? Prove your answer.



Colonel Kelley

MERADCOM/ DMS Host MICROFIX Demo

Written with much assistance from LTC Fred Gray and MAJ Bill Farr, TDE.

“The topo community in Washington has heard a lot about MICROFIX—now it’s time to take a look at it.”

With this invitation, Mr. Harold Ream, Chief of MERADCOM’s Topographic Branch, Counter Surveillance/Counter Intrusion Laboratory, welcomed an audience composed of members of MERADCOM, DMS, and other Fort Belvoir organizations to an introductory program on the MICROFIX, the automated storage

and retrieval system implemented by FORSCOM.

The MICROFIX was designed to provide intelligence analysts with an automated data storage and retrieval system for their intelligence information, but it also has potential for the storage and manipulation of topographic data.

MICROFIX is an Apple II Microcomputer system augmented with a high-capacity hard disk drive and a video disk player. Map images are stored on the disk (over 100,000 per disk!) and can be recalled to the color TV screen in less than a second. The intelligence analyst uses the map image to pinpoint locations where intelligence events occurred and information can be stored and retrieved by the microcomputer upon command. Although the present form does not incorporate map data (it is only a TV picture of a map), the concept represents the first such system available in the field and serves as the precursor for more elaborate versions to come.

Larry Becker (l), and Mark Morgan, (r), of the Georgia Institute of Technology, answer questions from the audience on the uses of MICROFIX.

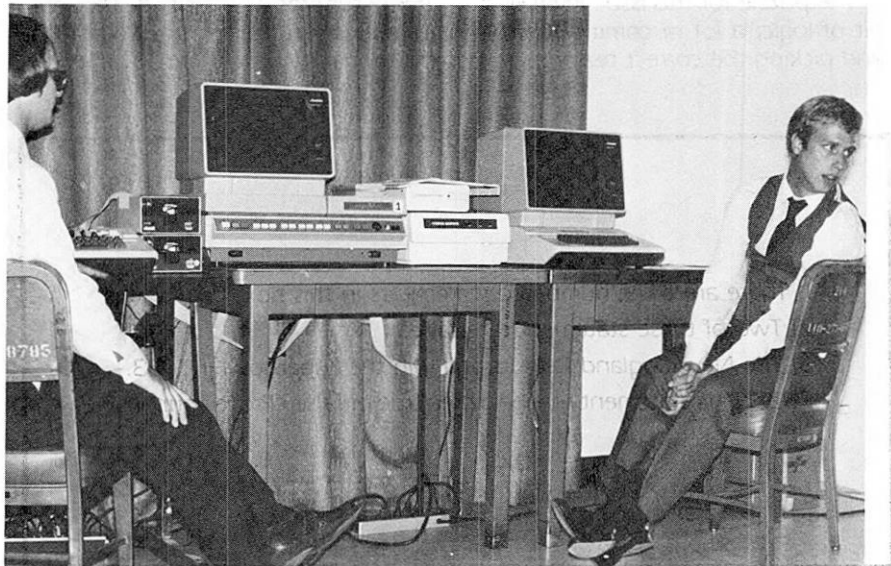
The demonstration and program, which highlighted the microcomputer’s technological applications to the intelligence, cartographic, and terrain analysis fields, was held in the Bagley Hall Auditorium under the administrative guidance of MERADCOM and TDE’s own, MAJ Bill Farr, and SGM Jerry Watson.

Colonel Horace Kelley, of HQ FORSCOM, who played a key role in the implementation of the FORSCOM MICROFIX, was the first guest speaker. His discussion was preceded by a demonstration of some of the system’s capabilities, courtesy of LT Richard Hughes and SP5 James Sullivan, both of the 525th Military Intelligence Group, Fort Bragg, North Carolina.

Colonel Kelley concentrated his discussion on the roots of the MICROFIX, which was borne from an overload of FORSCOM intelligence data. Areas of initial concern to FORSCOM may very well be applicable to topographic organizations contemplating use of MICROFIX—user friendliness, for example, and methods of determining exactly what is and what is not appropriate for automated processing.

The initial demonstration by members of the 525th was further

see MICROFIX, page 13





Above, COL Stockhausen discusses the rare honor of receiving a letter of appreciation from a U.S. Congressman, referring to CPT Jens' letter from Morris K. Udall, of the 2nd District of Arizona.

Below, the Shuler family turns out in full force to see Tommie receive the JSCM. From left to right, Ladonia, Shawnta, Tommie, and Anthony (who has just been tickled in the stomach several times by well-wishers).



AWARDS, cont. from page 1

presented a very professional image and was sincerely interested in advancing the Tucson Urban Study to completion."

From Michael F. McNulty, Director, Tucson Active Management Area: "I have only worked as a public servant for six years, but in that time, I have rarely seen the degree of cooperation or coordination evident by our relationship with the Tucson Urban Study. Captain Jens deserves the strongest commendation for his work in Tucson, for his exceedingly competent management of a highly visible public participation process."

From Colonel Paul W. Taylor, Commander, Los Angeles District Corps of Engineers: "It is indeed a pleasure to pass on to you (these comments). The outstanding manner in which you have represented the Los Angeles District on the Tucson Urban Study, the Water Resources Coordinating Committee, and other related activities in the Tucson area reflect a great deal of credit on the Corps of Engineers and the U.S. Army."

"DMS gets good people—but we also send real fine people back to the Services," COL Stockhausen noted prior to presenting the JSCM to GySgt Tommie Shuler, who has been assigned to the School since October 1978. GySgt Shuler is going to the 3rd Marine Division in Okinawa, described by the Director as the "DMS pipeline".

Tommie's citation reads, in part: "...GySgt Shuler displayed outstanding abilities and excellent technical competence while managing the Basic Offset Printing Course. His unselfish dedication, initiative, and devotion to the preparation and delivery of superior quality instruction contributed significantly to the DMS training mission."

These JSCM awards ceremonies have become renowned for their "good news and bad news" quality, and Tommie's departure is no exception. A dedicated instructor, who never tired of extending his life through education, Tommie was a good friend to many of us.



MYSTERY

PERSON

Aha! Reeled you in this time! I knew if I mentioned fish you would all think it was Carlos Sellers. Actually it was another DCAG member, albeit a temporary one, Jeff Via, as surmised by SSG Jack Batt. (Jack was quick, too.)

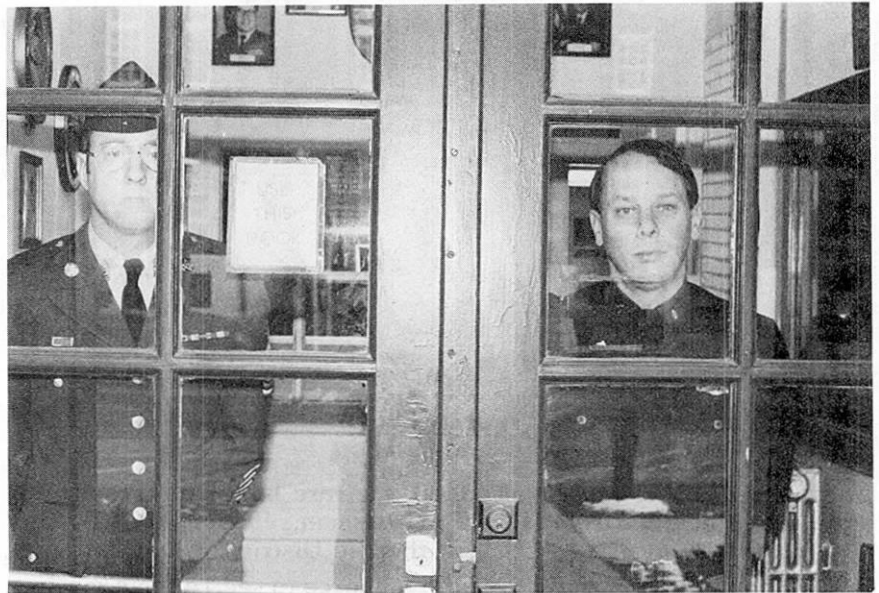
“Crocodile” and “bass” were meant to remind you of the brand names of preppie pants and shoes, of which Jeff is inordinately fond. (Similarly, the “La Kid” caption under the photo was a preppie shirt reference.)

“Blow his own horn” refers to Jeff’s clarinet-playing ability, which earns him two tickets for each Redskin’s game, as reported in the last *Contour*.

The final clue was “a little cheesecake”, and as DCAGers can attest, Jeff loves to both make and eat various gourmet forms of the confection.

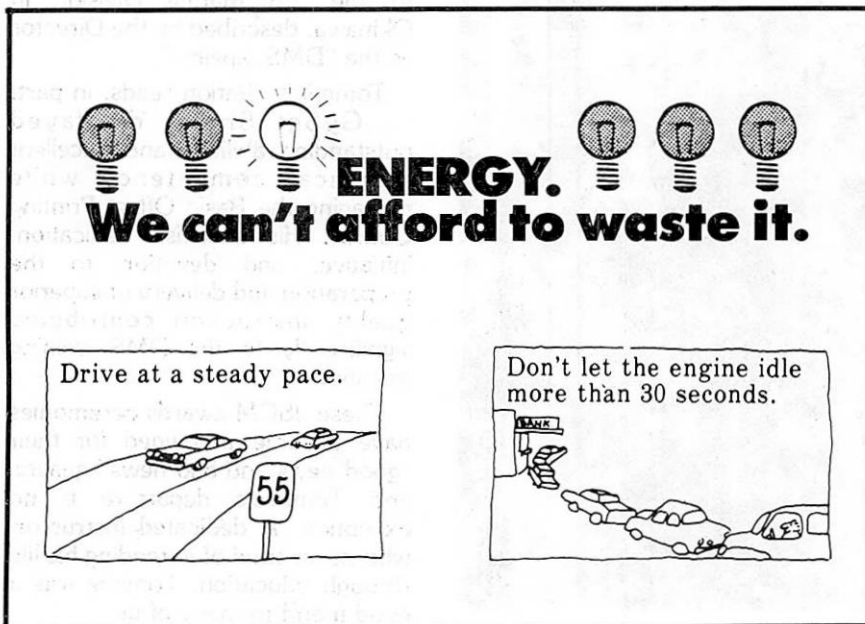
To add a new twist, we’re going to use a “Create-A-Caption” photo this time. A sample caption is given below; submit any others you think are appropriate, within the bounds of good taste, and not liable to get you

in serious trouble with those hereby depicted. Hmm—you have a bit of leeway left, anyway. (P.S. This one was taken in 1980. Note the portrait of COL Wood hanging in the hallway.)



Create-A-Caption

Discouraged with your present career? Thinking of gaining exciting new skills? Want to break out of your occupational prison and earn the applause you’ve deserved? Call the Leonard B. Fillmore School of Dance and get started on that new career—today!



ENERGY.

We can't afford to waste it.

Drive at a steady pace.

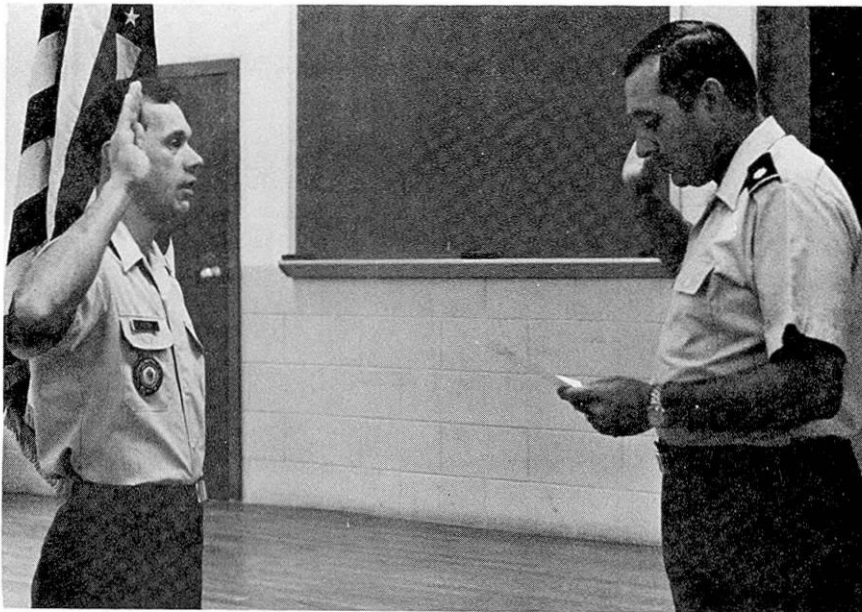
Don't let the engine idle more than 30 seconds.

TAPES, cont. from page 7

pressure to joke in a sexual way; drawing the line between joking and insulting; and why it was up to women to “draw the line”.

Although the movie concentrated on the more prevalent sexual harassment of women by men, so-called “reverse harassment” of men by women has also been documented, a fact pointed out by a few members of the DMS viewing audience.

With this in mind, Ed Asner’s parting appeal to “have that unique ability to empathize with another person’s feelings” may be something that both sexes can benefit from, as we think about how we treat each other in the workplace.



It was the call to "four more" that brought MSG (then SFC) Joel Foster and SSG Doug Wrenn into the limelight.

MSG Joel Foster, described by LTC(P) Valvo as "an outstanding technician", has been a phase leader in Construction Drafting. He has A) been promoted, and b) departed for Germany since his pledge.

Swearing More For Uncle Sam

SSG Doug Wrenn, an instructor in GAD's Reproduction Equipment Repair Course, has already spent twelve years in the Army. He has been at DMS since November of 1979.



Great Legs? Hire Him?

What does the term "sexual harassment" mean to men? To women? How does it affect careers? Morale? The effectiveness of a business organization? What non-merit factors may surface during the federal government's hiring process?

These were just a few of the topics covered in two tapes recently lent to the School by the Defense Logistics Agency and coordinated for viewing by Ms. Leslie Matthews, the DMS Federal Women's Program Coordinator, and Mr. Bob Ainsley, the EEO Officer for the School.

"Hire Him, He's Got Great Legs", a product of the Rocky Mountain Region of the Office of Personnel Management, portrayed some of the prejudices that may affect the federal hiring process. The production reversed traditional gender roles to make its point, featuring three female supervisors interviewing a male applicant for one of three positions: an upward mobility management analyst spot; a secretarial position; or a clerical vacancy.

"The Workplace Hustle", a Clark Communications tape, narrated by actor Ed Asner, used informal discussions with groups of men and women, dramatizations, and interviews to establish the various forms of sexual harassment.

Lin Farley, author of the landmark book, *Sexual Shakedown*, explained that sexual harassment is a well-documented problem in the workplace, and one which may have profound economic impact when one counts the number of employees that are either fired or resign as a result of such harassment.

Men interviewed in the production discussed their own perspectives and problems with the issue, including the presence of peer

see TAPES, page 6

DMS Warrant, Borne and Bred, Departs

It's Stuttgart-bound for a DMS warrant, borne and bred!

DCAG—or is it TSD's?—own CW2 Willie McCrory, who received his appointment *and* was promoted to CW2 while serving at DMS, received the JSCM prior to his departure in a ceremony in the Director's office.

The citation reads, in part: "Chief Warrant Officer, W-2, Willie L. McCrory, Jr., distinguished himself by meritorious service while serving as Instructor, Department of Cartography and Applied Graphics, and Department of Topographic Sciences, Defense Mapping School, from 30 August 1978 to 26 July 1982. Throughout his assignment, he demonstrated exceptional ability as an instructor, manager, and technical expert in the field of topography and cartography. His sincere sense of responsibility, expertise as an educator, and ability



COL Stockhausen congratulates Willie McCrory after presenting him with the JSCM. Willie has since departed for his new tour in Germany.

to relate to his students were key factors in the maintenance of quality instruction standards at the Defense Mapping School."

Willie's wife, Sandy, and daughters, June and Theresa, were

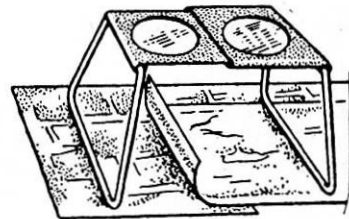
on hand to witness the presentation of the award.

Our congratulations and best wishes go with the DMS warrant as he settles down in Germany.

**SEEING
ENERGY
WASTED
JUST**



**GRINDS
MY
JAWS
!!**



Making Terrain Tracks In TED

This is the first in a continuing series of articles for the *Contour* on the Terrain Evaluation Division (TED) of the Department of Topographic Sciences (TSD). The first article will attempt to define terrain analysis and set the stage for subsequent articles of a more technical nature. Definitions are boring, so perhaps we should relate a story or two to achieve a satisfactory answer to our title question.

ANCIENT PERSPECTIVES

There was no terrain analysis in the 10,000 man Athenian army that rushed to defend Athens on the Plains of Marathon in 490 B.C. As the ten Athenian generals stood discussing battle plans on the slopes overlooking the encamped Persian army of Darius the Great on the shore below, however, the terrain considerations were certainly foremost in their minds. On the one hand, the 26,000 man Persian army below appeared to have disregarded the terrain factors by their decision to land and encamp on the Plains of Marathon. The Persians had their backs to the sea, mountains to their front, and rivers and marshes on both sides. Thus, when the Athenians attacked, the Persians had little room to maneuver their cavalry around the flanks and ended up in a double envelopment and on the losing side of a complete rout: 6400 Persians were killed; 192 Athenians lay dead.

Ten years later, in 480 B.C., Persian King Darius' successor, Xerxes, came with his mighty army to once again attempt to bring Athens to submission. Xerxes came overland with an army of 150,000 men in concert with a naval force of

4200 ships. Being greatly outnumbered, the Athenians at least had the opportunity to choose their point of defense. Considering the terrain once again, the Athenians chose to defend themselves with a small covering force at the narrow defile at Thermopylae.

Because most of the Athenians were tied up in fighting the naval battle, only 7000 Spartan troops were placed in this pass to hold off 150,000. Impossible? Not when you consider the terrain—a pass 1/2 mile wide with the sea on one side and steep mountains on the other. In fact, these brave warriors held off the mighty Persian army for days until a Greek traitor told the Persians of a road through the mountains, whereupon they conducted a night march and surprised the Spartans from behind.

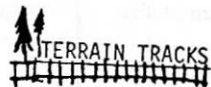
The Persian army won the battle that day, but lost the Navy battle that followed and were never really able to bring Macedonia and Greece under their dominion. It was 150 years before the Persian Empire was finally shattered by a Macedonian, Alexander the Great. In this great battle at Arbela, in 331 B.C., Alexander's army of 47,000 marched to meet Darius III's Persian army of 1,040,000. The Persians had prepared the battlefield by leveling the ground and clearing obstacles to provide for the mobility of their chariots and cavalry. Alexander paused long enough before his attack to ascertain this terrain information and, as a result, planned his order of battle to carry the enemy outside of this prepared area. The end result of the battle was that Alexander put the entire Persian army to flight. Losses ranged somewhere between 40,000 and

300,000 for the Persians, and only 100 to 500 for Alexander.

This is what terrain analysis is all about. The Athenians, Spartans and Macedonians achieved battle success against enormous odds because they understood how to utilize terrain to multiply their combat power. At Marathon, the Athenians contained the enemy cavalry with the surrounding rivers, swamps, and mountains. At Thermopylae, the Spartans held their own against 200 to 1 odds because they chose a battle site where the terrain reinforced their small numbers. At Arbela, Alexander defeated a superior force by taking advantage of terrain information he had gained by reconnaissance. The principles of terrain analysis have not changed in 2300 years. The military power that takes advantage of the terrain has always had an edge over its adversary.

...UP TO THE PRESENT

This terrain information is most useful, of course, if it can be gained in sufficient time to allow for battle leaders to incorporate it into their battle plans. This is the justification for the formation of the Division, Corps, and Theater Army Terrain Teams in the U.S. Army of 1982. Their sole function is to collect, store, and interpret terrain information and to determine the effects of this terrain on military operations. This information must be obtained from textual



see TSD, page 10

TSD, cont. from page 9

documents, from ground reconnaissance, and from remote sensed imagery such as aerial photography and radar. A good terrain analyst must be a geographer, a geologist, a soils expert, a mathematician, a forester, an urban and industrial expert, a cartographer, an engineer, a hydrologist, a meteorologist, a photo interpreter—and before long, he or she will have to be a computer expert.

Mission impossible? Perhaps, but this is the goal of the Terrain Analysis (TERANL) and Warrant Officer Terrain Analysis Course (WOTAC) programs within TSD's Terrain Evaluation Division. The students in these courses must become proficient in technical aspects of each of the disciplines listed above. It is easy to see why one desires to have students with at least an interest in the physical sciences. The courses are not easy and can be compared to college-level material.

In addition to TERANL and WOTAC, which are entirely dedicated to terrain analysis, a brief overview of the subject is taught by TED to students of the Mapping, Charting and Geodesy Officers' Course (MC&GOC) and to the Engineer Officers Advanced Course (EOAC).

"A good terrain analyst must be a geographer, a geologist, a soils expert, a mathematician, a forester, an urban and industrial expert, a cartographer, an engineer, a hydrologist, a meteorologist, a photo interpreter—and before long, he or she will have to be a computer expert."

Some changes are forthcoming in the way terrain analysis will be taught in the next year. At present, the TERANL course results in a skill identifier for the 81C Cartographer MOS. Next year, however, a new MOS, 81Q, Terrain Analyst, will be implemented. The TERANL course will become the Basic Terrain

Analyst Course (BTAC) and will orient terrain instruction to AIT students fresh from basic training. This is likely to occur sometime between August 1983 and January 1984. At the same time, the WOTAC program will be altered to become the Advanced Terrain Analysis Course (ATAC) to train senior terrain analysts from the field in conjunction with the Engineer Non-Commissioned Officers Advanced Course (ENCOA).

Terrain analysis is an important subject. It could be said that the course of human history has been charted according to which military commanders considered the terrain and which chose to ignore the terrain's effects. The instructors teaching terrain in TED therefore have a serious and sobering role—to train the soldiers who will interpret the terrain for tactical commanders in the next armed conflict. Who knows, the success of the U.S. military in a future armed conflict may depend on how well the terrain is analyzed, and interpreted for battlefield commanders.

The Good Old Days

Stumbling through the gloomy halls of Bagley Hall in search of a story is a trying task at best. Once in a while one has to resort to some underhandedness, all for the Cause of course, and a quick scan of some of the desk tops in the various offices can render some juicy morsels for the paper's next edition. Found in PPO, stamped "TOP SECRET", "burn before reading", was the following draft of a document, we hope will never go beyond the planning stage.

INSTRUCTOR PERFORMANCE EVALUATION AND GUIDE

| Performance Factors | Far exceeds job requirements. | Exceeds requirements. | Meets them. | Needs some improvement. | Does not meet requirements. |
|---------------------|---|--|--|---|---|
| Quality | Leaps tall buildings with a single bound. | Must take running start to leap over tall buildings. | Can only leap over short or medium buildings with no spires. | Crashes into buildings when trying to jump over them. | Cannot recognize buildings at all, much less jump. |
| Timeliness | Is faster than a speeding bullet. | Is as fast as a speeding bullet. | Not quite as fast as a speeding bullet. | Would you believe a slow bullet? | Wounds self with bullet when attempting to shoot gun. |
| Initiative | Is stronger than a locomotive. | Is stronger than a bull elephant. | Is stronger than a bull. | Shoots the bull. | Smells like a bull. |
| Adaptability | Walks on water consistently. | Walks on water in emergencies. | Washes with water. | Drinks water. | Passes water in emergencies. |
| Communication | Talks with God. | Talks with the angels. | Talks to himself. | Argues with himself. | Loses these arguments. |

Williams Retires, Succeeded by Ayers

Owen W. Williams has retired as senior civilian at the Defense Mapping Agency and has been succeeded by Lawrence F. Ayers in the post of Deputy Director, Management and Technology, effective 23 August 1982. Both are veteran mapmakers and have been with the joint Defense agency since DMA was founded in 1972.

Major General Richard M. Wells, USA, Director of DMA, expressed confidence "in meeting the challenge of continuity of the many vital programs currently underway at DMA, and to modernize for the new programs that are essential to the new DoD advanced weapons systems."

General Wells added, "We will miss Obie Williams, but are most fortunate that a professional of Larry Ayers' caliber is ready to step into his post and carry on, particularly during the demanding years that are ahead of us."

Ayers, who has been Deputy Director for Programs, Production and Operations at DMA since 1979, is a native of Washington, D.C., and has been in the field of mapping, charting and geodesy since he completed a tour of active duty as an officer in the Army in 1957. During his first ten years, he held numerous topographic, geodetic and R&D engineering posts with the U.S. Army Engineer Geodesy, Intelligence and Mapping R&D Agency at Fort Belvoir, Virginia.

In 1968-69, he was a program manager, Advanced Systems Development Office, Defense Intelligence Agency, and then spent three years prior to his DMA service as chief, Topographic Sciences Branch, Environmental Sciences Division, Office of the Chief of Staff (R&D), Department of the Army. He was the organizer of the DMA R&D program when the Agency was formed and directed these activities until 1974. For the next five years, he

was the technical director of the DMA Aerospace Center in St. Louis, Missouri, responsible for the production of DMA data for major weapons systems and force developments.

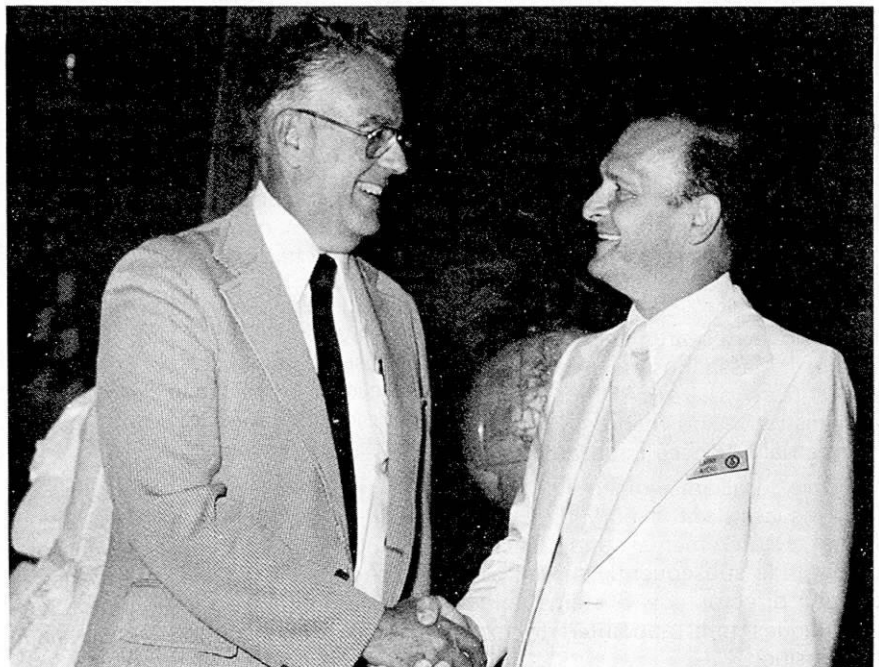
Author of a dozen scientific and technical papers published in national and international journals and a keynote speaker at national and international meetings in the fields of geodesy, cartography, and R&D, Ayers is vice president of the American Congress on Surveying and Mapping and has served as chairman of the Research Committee of the American Society of Photogrammetry. He has served as head of the U.S. delegation to a United Nations Cartographic Conference, represented the United States at various NATO meetings, and was the U.S. delegate

responsible for developing cooperative agreements in mapping, charting and geodesy with a number of foreign countries.

He is a graduate of Virginia Polytechnic Institute in civil engineering and the Federal Executive Institute and received his M.A. degree from the University of Indiana in Bloomington. He received a Ford Foundation Career Education Award in 1965 and was named a Fellow of the National Institute of Public Affairs in 1966.

Owen W. (Obie) Williams held the top civilian post at DMA from November 1979 until his retirement. His international professional renown is attested to by his invitation to be a visiting guest lecturer in earth

see AYERS/WILLIAMS, page 12



"All the best" was the message to Owen W. "Obie" Williams (left) from Lawrence F. Ayers, who succeeds him as Deputy Director, Management and Technology, at HQ DMA. Obie Williams retires after 37 years of Federal service.

sciences in Europe and Scandinavia and a guest lecturer on "Cosmic Geodesy" at the Soviet Academy of Sciences. He visited the People's Republic of China in 1980, in company with Ayers, to initiate a cooperative exchange agreement in mapping, charting, and geodesy.

A pioneer in satellite and laser geodesy, Williams is the author of over 45 scientific and technical papers, published in national and international journals, in the fields of geodesy, gravity, and geophysics. He is a fellow of the American Association for the Advancement of Science and a member of five professional societies. Williams has served as president, Geodesy Section, American Geophysical Union, and was a founder and president of the Earth Sciences Technologies Association.

A graduate of Kalamazoo College and the Federal Executive Institute, and a graduate student at the George Washington University, Williams entered the MC&G field after Navy service in World War II. Until 1955, he served in numerous cartographic, geodetic, and engineering positions at the Army Map Service; he then spent two years as assistant chief and chief of the Geo Sciences Branch, Chart Research Division, of the Air Force's Aeronautical Chart and Information Center.

In 1975, he joined the USAF Cambridge Research Laboratories, Bedford, Massachusetts, and served first as physical science administrator and then as director, Terrestrial Sciences Laboratory.

"Obie" Williams joined DMA in 1972 as assistant deputy director, Plans Requirements and Technology. He subsequently served as deputy director for Systems and Techniques until appointed to his last position.

OBIE SAYS FAREWELL, DMS

On 17 August, "Obie" Williams made a special trip to the Defense Mapping School to say farewell

The highest civilian recognition awarded by the Department of Defense, the DoD Distinguished Civilian Service Award, went to Owen W. "Obie" Williams on his retirement from Federal service. Major General Richard M. Wells, Director of DMA, made the presentation on behalf of Secretary of Defense Caspar W. Weinberger, which cited Obie Williams for "the highest degree of professional knowledge, managerial acumen, and positive and progressive leadership". Noting his "personal diplomatic efforts" with foreign governments and his work in digital technology, the citation added, "His exceptional accomplishments...will continue to benefit the Department of Defense in the years ahead."

before embarking on his retirement after 37 years of Federal service.

His remarks began, appropriately enough, with a reminiscence.

As COL Stockhausen spoke of the honor he felt in introducing Mr. Williams to the assembled members of DMS, he apologized for the tapping of the hammers on the roof, a result of Building 214's recent facelift.

"That's okay," replied Mr. Williams. "The first time I came to the School—I think it was your first awards ceremony—you all had a band for the occasion. I managed to drown them out and I think I can drown the hammers out, too."

"I am beholden to each and every one of you," he continued, "I've had an absolutely wonderful career that has provided me the opportunity to visit most of the MC&G units in the world. Unequivocally, DMA is the best."

Citing the School as "probably one of the most unsung aspects of the Agency", Mr. Williams added, "It's reputation throughout the military organizations of Asia, Europe and the rest of the world is absolutely superb."

Mr. Williams also devoted a portion of his remarks to his initial perceptions on the organization of DMA, over ten years ago.

"Back then, I felt that the creation of DMA was not in the best interests of the military services. I was wrong, as became apparent soon after the formation of the Agency. Our growth, our response to military needs, and the professionalism and dignity shown by DMA employees all prove that I was wrong," he explained.

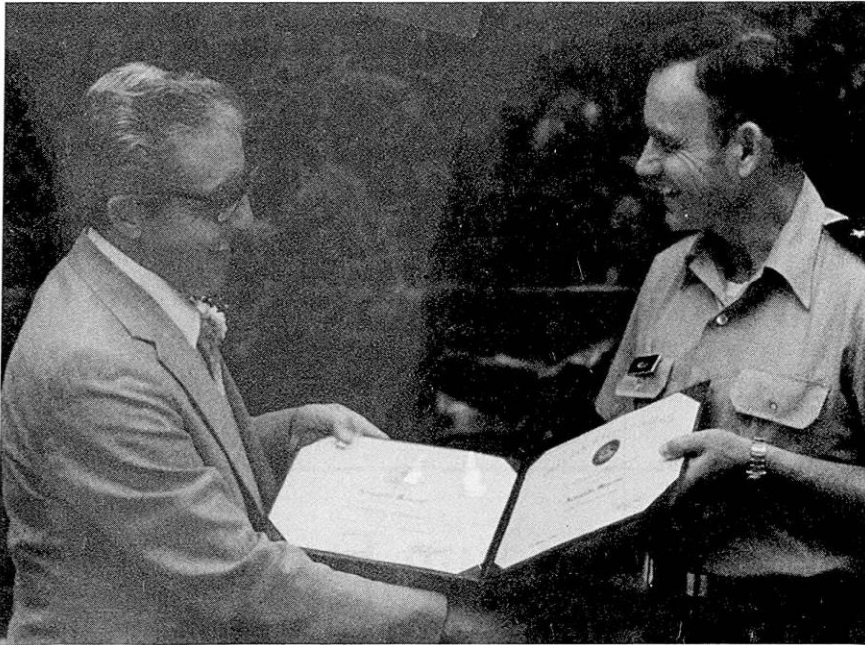
Looking to the present, Mr. Williams also expressed his "delight" at the new employees currently being hired: "We continually gain the latest in education and experience among our civilian professional corps. We have also made considerable advancement in hiring minorities and females, with over 25% of our new employees being women. This impact has also been felt in the mid-management field and will continue to become more evident in the years ahead."

"I only wish," Mr. Williams concluded, "That I had time to shake hands with each and every one of the 9,000 or so employees in DMA."

In response to a question from SGM Locke, Mr. Williams said that his immediate plans included a sojourn to his cabin in New Hampshire, where he will reflect on what comes next.

An enthusiastic and loyal DMS Golf Tournament participant, Mr. Williams also offered his opinion of the recent rain-out: "We had just gotten to the easy part of the course when the rains came."

Mancini Retires, Receives DCSA



Dr. Mancini, retired after more than 30 years of government service, was presented with the DMA Distinguished Civilian Service Award at a crowded retirement luncheon at the Fort Meyer Officers' Club.

Dr. Armando Mancini, who led a number of major MC&G research efforts during a dramatic and transitional period in the profession, retired in July after more than 30 years government service.

Major General Richard M. Wells, DMA Director, was among the many colleagues who saluted Dr. Mancini at a luncheon in Fort Myer's Officers Club and presented the former Deputy Director for Systems and Techniques with DMA's highest civilian citation, the DMA Distinguished Civilian Service Award.

Dr. Mancini entered the MC&G community in 1951 as a cartographer with the Army Map Service after earning his Bachelor of Science degree in Geology at West Virginia University. He later did graduate work in Mathematics at American University and was awarded a Ph.D. in Astronomy from Georgetown University.

He moved from AMS to the Chart Research Division of the Aeronautical Chart and Information Center of the U.S. Air Force for three years, then served as a mathematician with the U.S. Army Engineer Topographic Laboratories at Fort Belvoir until 1960.

Dr. Mancini was a research mathematician at Cambridge Research Laboratories, Bedford, Massachusetts, from 1960 to 1964 and then spent ten years with similar duties at ETL.

In 1974, he became Director of the Research Institute at ETL and served in that capacity until he joined DMA as Chief of the Advanced Technology Division in 1978. He held the post of DMA Deputy Director of Systems and Techniques from 1980 until his retirement.

Dr. Mancini is the author of some 35 scientific and professional papers and reports and edited various professional publications. He is a

member of the American Geophysical Union, the Association of Geodesy and Sigma XI Professional Society and served as chairman of several special study groups of the International Association of Geodesy and the AGU. He has received 17 awards for superior performance from various governmental and educational institutions.

Dr. Mancini was one of three DMA officials who visited the People's Republic of China in 1980 to explore possible exchange of MC&G information.

A native of Collelongo, Italy, Dr. Mancini and his wife, Ann, live in Fairfax, Virginia, and have five children. A former member of the evening faculties at the Northern Virginia Community College and the Department of Agriculture Graduate School, Dr. Mancini expects to continue with some teaching during his retirement.

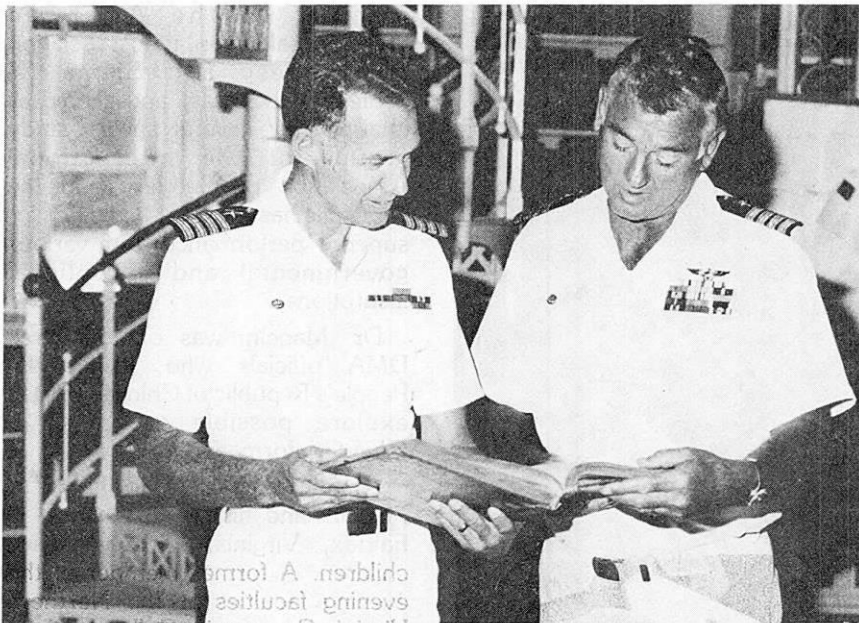


MICROFIX, cont. from page 4

amplified by representatives from the Georgia Institute of Technology, who provide support to FORSCOM's MICROFIX in several key areas; among them, digitized support and operator training programs. Mr. Edward Shanahan, the Senior Research Scientist and Project Director for the Institute's Computer Science and Technology Laboratory, was the proponent for this demonstration. He was aided by Mr. Mark Morgan and Mr. Larry Becker.

Colonel Kelley, in commenting on the system's potential applicability to terrain analysis, noted: "It is hoped that one day you can do terrain analysis interpretations on the MICROFIX. Perhaps you could plug into the system the vehicle you intend to use for transport and the MICROFIX will tell you where you can and cannot go in the field."

More information on the MICROFIX may be found in the fact sheet accompanying this article.



NEW HOME FOR AN HISTORICAL VOLUME— This book and 199 other rare volumes on navigation and seamanship of the era when all ocean travel was on sailing ships are now on the shelves of the U.S. Naval Observatory in Washington, D.C. They had been in the custody of HTC. Captain W.C. Palmer, USN, HTC Director, and Captain R.A. Vohden, USN, Naval Observatory superintendent, concurred that the valued collection would be more accessible to scholars at the Naval Observatory site.

HTC NEWS

New Home Found For HTC Books

There is good news for the historian and for the student of those bygone days when all ocean travel was in sailing ships. Some 200 rare books on navigation and seamanship of that era are now on the shelves of the U.S. Naval Observatory in Washington, D.C.

The priceless volumes, some of which date from the eighteenth century, had been in the custody of the Hydrographic/Topographic Center. Now they are in a new home. The officials of both agencies concurred that the collection would be more accessible to scholars at the Naval Observatory site.

HTC and its predecessor organizations had inherited the volumes through the years since the Navy's first Depot of Charts and Instruments was established in Washington in 1830. The Center continues to produce navigational aids for the Navy and merchant marine and maps, charts, and weapon system guidance for all the Armed Forces.

Memorandum From The Secretary of Defense

26 August 1982

MEMORANDUM FOR:

SECRETARIES OF THE MILITARY DEPARTMENTS
 CHAIRMAN OF THE JOINT CHIEFS OF STAFF
 UNDERSECRETARIES OF DEFENSE
 GENERAL COUNSEL
 ASSISTANTS TO THE SECRETARY OF DEFENSE
 DIRECTORS OF THE DEFENSE AGENCIES

SUBJECT: DEBT COLLECTION PROGRAM

As part of the Government-wide effort to improve collection of debts, Federal agencies have cooperated in providing information for interagency computer matches to identify employees who have an outstanding debt owed to the Federal Government. A recent such computer match of the civilian and military payroll records with defaulted student loan accounts disclosed a significant number of DoD personnel.

The President's Council on Integrity and Efficiency will oversee and monitor this debt collection effort on a Government-wide basis. When specific information is provided to the Department of Defense on the results of this computer match, I will expect your full and complete cooperation in actively seeking repayment for each legitimate debt owed the Federal Government by DoD personnel.

Meanwhile, please try to advise all who are benefiting from any government loans to keep up their repayments; because any defaults by DoD employees will be dealt with seriously.

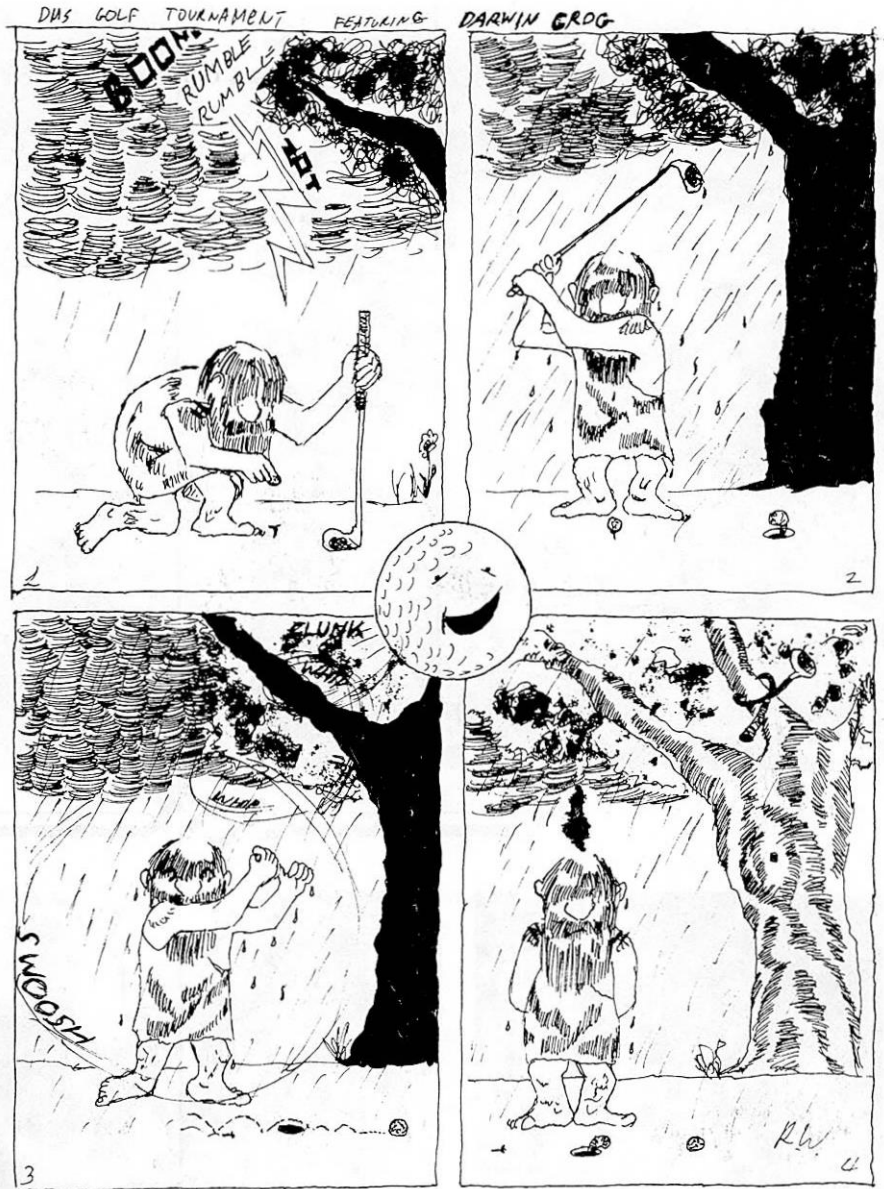
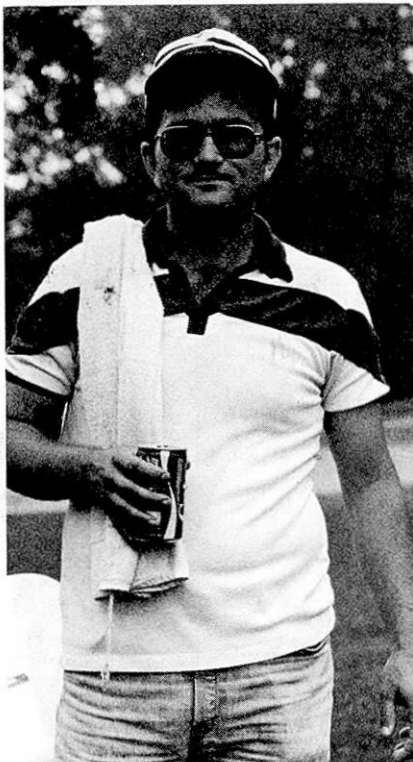
CASPAR W. WEINBERGER

Swing, Drip Drip, Swing

1982 may go down in DMS history as the year when we were all wet! First the picnic—and now the 1982 golf tourney, put together under the administrative guidance of Jack Barts and those tee-totaling DCAG folks (with help from many others).

Over 100 folks joined in this year to dare the threatening skies, including loyal participation from HQ and HTC, with COL Hector Wood in attendance.

There were a few minor mishaps as the players made their way around the first nine holes or so of the shotgun-start tourney. One fellow wedged a club into a wandering tree, as depicted by the cartoon at right, drawn by DCAG summer hire, Bob Watts. Another player abruptly abandoned his golf cart in search of a lost ball.



And try as they might, the couriers of the strongest libations could not keep their carts amply stocked.

In fact, said couriers had just loaded up again on the brew and headed off to help the weary endure when the rains began in earnest.

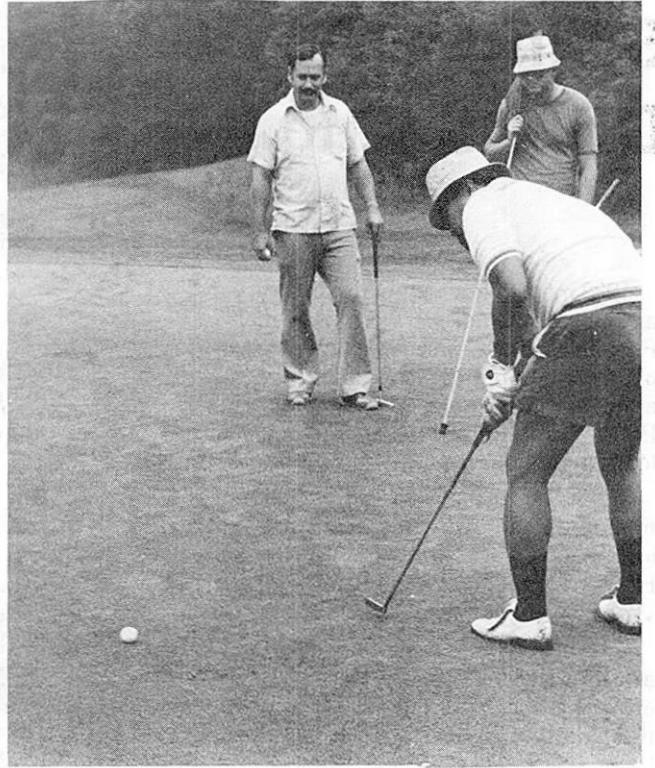
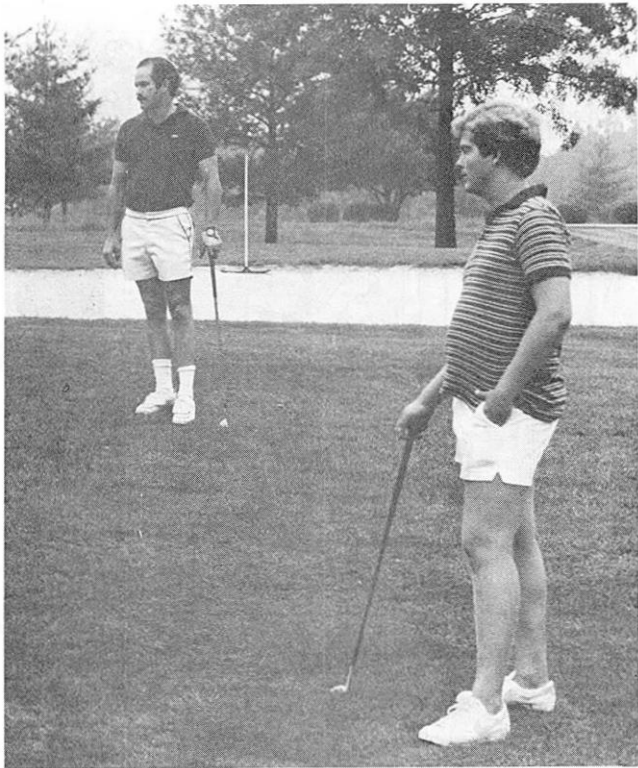
Some diehards waited undercover for as long as 45 minutes before word made its way around that the DMS Tourney 1982 was *finis*.

All retired to the clubhouse for lunch and to dry out, literally and figuratively, as strategy was plotted

for DMS Tourney 1983.

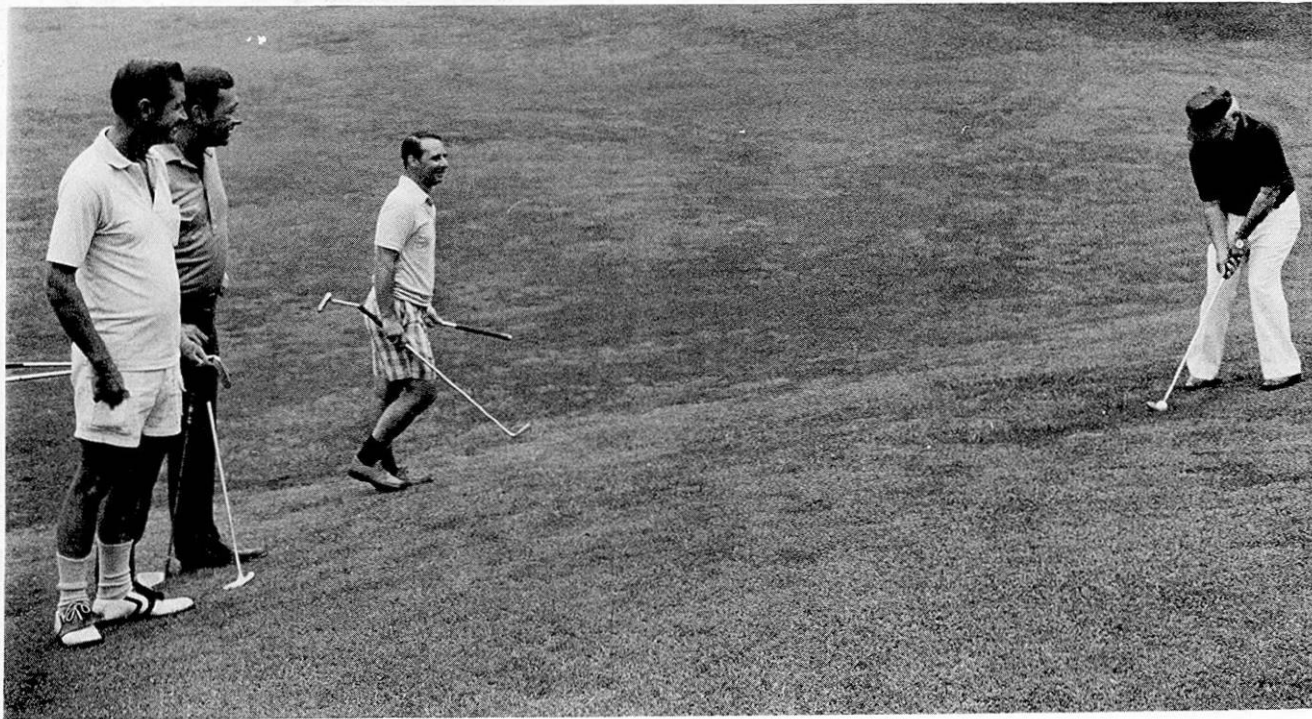
The photographer apologizes for not getting pictures of all the golfers, especially COL Wood!

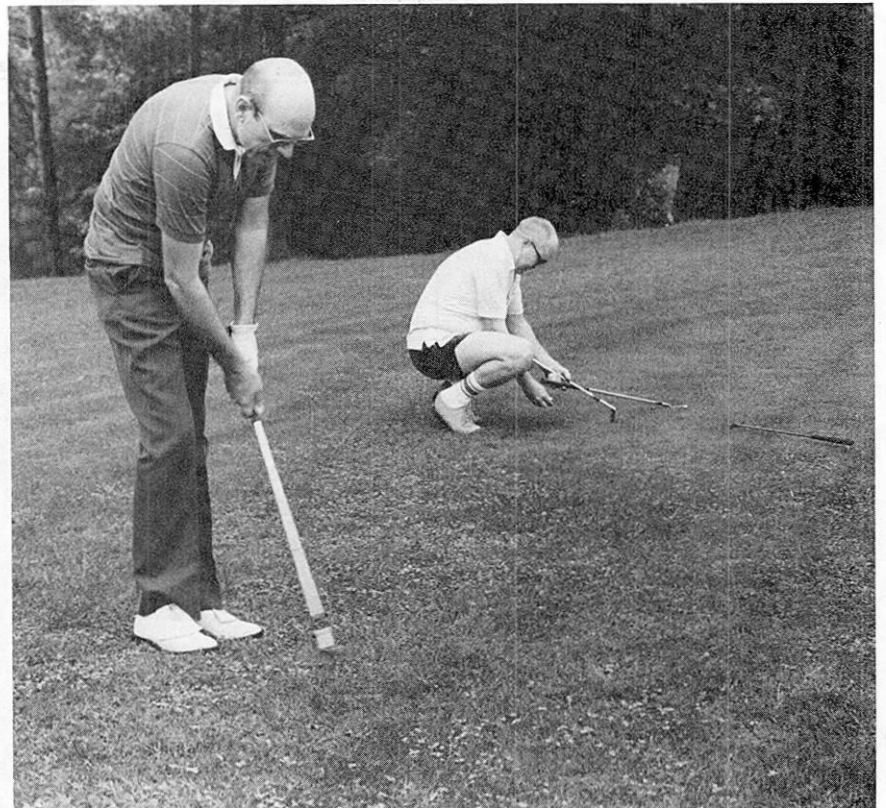
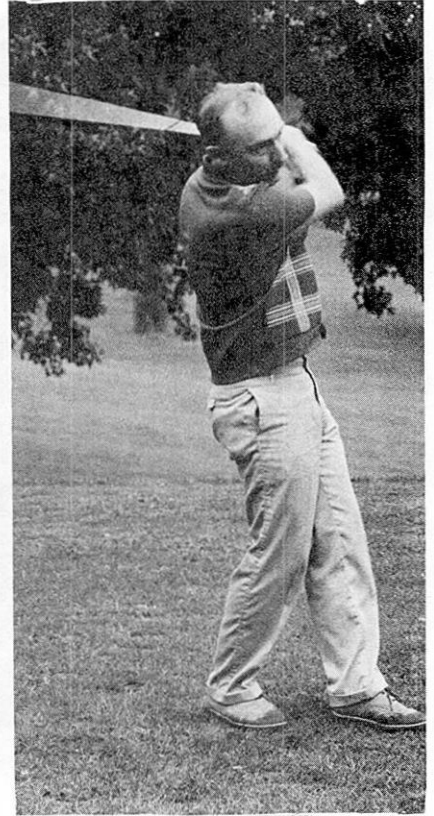
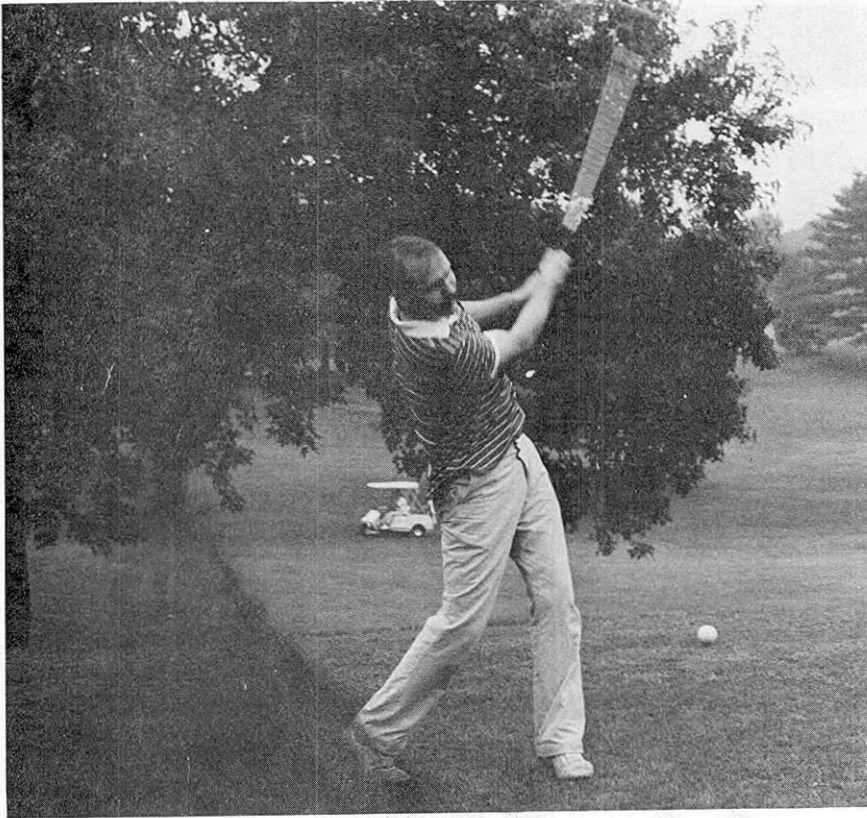




wandering tree, as depicted by the cartoon at right, drawn by the summer hire, Bob Watts. Another player abruptly abandoned his golf cart in search of a lost ball.

And try as they might, the caddies of the strong club could not keep their carts completely loaded up, as the caddies headed off to home when the rains began. Some caddies waited for as long as 15 minutes before the clubhouse for lunch and to dry out, literally and figuratively, as strategy was plotted.







Sherry just could not wait for the arrival of the new word processors—so. . .see page 10.

CONTOUR

Volume 9, Number 12

Defense Mapping School

October 1982

Director Elected To SAME Presidency

DMS Director Colonel William T. Stockhausen was elected to succeed Colonel A.G. Rowe, USA, as President of the Fort Belvoir Post of the Society of American Military Engineers in a recent Post ceremony.

The Society of American Military Engineers (SAME) is an international group formed over sixty years ago. It now has a membership of 22,000 (with 600 sustaining members).

The Fort Belvoir SAME Post meets monthly to discuss the various challenges and goals of the military engineer. Its meetings feature guest presentations on such topics as deep space construction, the recovery-rescue mission of the downed

Florida airliner last January, and various Fort Belvoir engineering projects.

Although a majority of the officers of the engineering services of the Armed Forces are members of the Society, they comprise only about 20% of the total membership. Most of the members are engineers now in civilian vocations who have served in the Armed Forces during recent wars or who hold reserve commissions.

The Society's primary goal is "Dedication to the National Defense". Its theme last year was "Military Engineering for the 1980's: Meet the Challenges", and seven areas were targeted as important:



energy, readiness, environment, engineering personnel, productivity, major project management, and research and development.

Colonel Stockhausen's term as president is scheduled to last one year.

A Message From the Director

Class Notes

Class Notes

Class Notes

Class Notes



GOING DOWNHILL

The Pentagon Ski Club is preparing for yet another season of sun, snow, and hot toddies with trips scheduled for Pennsylvania, New York, Vermont, Maine, Quebec, and—save your pennies—Austria!

Membership brochures are available at the Belvoir and Quantico Officers' Clubs, or you may call Rick Nauen at 576-2050 for more information.

SHOWER SHOES BLUES

For a myriad of reasons, the DMS Marines will be participating in the USMC Birthday Ball at Quantico in 1982, and will not host the traditional DMS USMC Birthday Ball this year.

The DMS USMC Birthday Ceremony will be conducted in the Bagley Hall Auditorium, as is traditional.

But take heart, all you fancy dancers, plans are already underway for the 1983 Birthday Ball, which will be hosted by the DMS Marines for DMS guests.

NCO CLUB UPDATE

LIC Bob Ford, the DMS NCO Club Advisory Board member, reports the following results from the last Club meeting:

*The room below the Main Club will be converted into private party room. A combo will perform every night, and those who host a private party in this room may book the combo at no extra charge. The capacity for the will be 100 people.

* The Castle Club will revert back to the NCO Club System, renovated, and opened to all Club members (sometime during FY84, it is hoped).

* Loyal bingo players—those who play every night it is offered—will be rewarded with a one-night \$10,000 winner-take-all jackpot. Personal

The 1982 Combined Federal Campaign recently began here at DMS. Please give serious consideration to the meaning of the CFC and the effect that your contribution has on the lives of the people who are touched by the supported agencies. Millions of people worldwide, nationally, and locally, are affected directly or indirectly by the agencies that CFC supports.

When you give, you are reaching out in a very personal sense to affect and to better the lives of those served by CFC agencies. Your contribution is especially vital to offset the reduction of Federal Aid

Programs that are supplemented by CFC agencies.

When your keyworker contacts you, please contribute as substantially as you can. A particularly easy method of contributing is by payroll reduction. As in the past, you may specify those agencies that you wish to support, or you may make a general contribution. Anonymous contributions may also be made.

I invite you to join me in supporting this year's Combined Federal Campaign. I look forward to reporting a successful conclusion. With your help, we will be able to say that DMS cared and DMS shared.

tickets, which will be given only to those who play every night, are required for admittance on the big night.

If you have further questions on the NCO Clubs in general, complaints, or compliments, give Bob a call at 44171.

WILL ANYONE WIN IN 1983?!

It's fortunate that I put a disclaimer about the NFL football strike in the last issue—one never knows what the future will bring.

But the puzzle always manages to bring Jack Batt around: in this case, between the two of us, we managed to decipher the superlogic behind Maj Mac's last puzzle.

see CLASS NOTES, page 3

The Defense Mapping School Contour is an authorized newspaper, published monthly by and for the DMS, 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: Linda Stacy

Class Notes

continued from page 2

Herewith an explanation of the magic box:

- a. Statement 1 is obviously true.
- b. If statement 2 is true, then statements 2 and 3 are false, which is absurd. Therefore, statement 2 is false.
- c. There are four possibilities for the total number of false statements: none false; one false; two false; and three false. None false and three false are eliminated by b. and a., respectively, above. Two false is eliminated by the falsehood of statement 2.
- d. Therefore, only one statement is false, statement 2, and statement 3, is true. The New England Patriots will win the Superbowl (?) in 1983.

As Maj Mac points out, the wondrous thing about this superlogic, is that any statement plugged into statement number 3, according to the rules of logic, must be true (e.g., "The DMS renovation will be completed in FY 83.") Heh heh. Would I lie to you?

DUM DE DUM DUM DUM DE DUM

Major Mac's puzzle for this issue is for all who enjoy those nonsensical words intertwined in song lyrics, especially in early rock and roll song lyrics:

Name the song in which the following undying lyrics appear and name the "artist" who inflicted them upon us:

- 1) Oo ee oo ah ah, ting ting walla walla bing bang...
- 2) Sha na na na, sha na na na na, well, dip dip dip dip dip dip dip mmm mmm mmm mmm mmm mmm...
- 3) Dum dooby doo dum dum, come-a come-a dum dooby doo dum dum...
- 4) Pow pa pa pow pa pa mmm day mmm day mmm wah wah wah...

BONUS BATT PUZZLE

The following word-mazement was forwarded to me with the simple and cryptic comment: "This is it.—Batt" Despite rumors that "it" is the entrance exam for Podunk U., see if you can put your verbal skills to work and come up with correct answers. The key is to interpret the position of the words or letters, as in the following examples:

Mind

Matter

Equals "Mind Over Matter"

Death/Life

Equals "Life After Death"

1) SAND

2) WEAR

LONG

3) R
ROAD
A
D

4) T
o
w
n

5) LE VEL

6) O

MD
PhD
DDS

7) KNEE
LIGHT

8) ii ii
o o

9) T
O
U
C
H

10) Ground

FEET
FEET
FEET
FEET
FEET
FEET

10b. ECNALG

11) He's/Himself

12) GEGS

13) INHABIRDND equals
INBUTWOSH

DCAG Folks Rewarded!



drafting students during transition to a new Course Content Document and to a GO/NO-GO evaluation system.”

Joel’s recognized professional accomplishments are amplified by his personal dedication and friendliness to all, which earned him much respect as a friend and coworker.

We can only wish all the best to Joel, his wife, Rosemarie, and their pride and joy, two-year old Connie, as they venture to Germany. (Please keep us in mind, Joel!)

Another big event in the awards ceremony was the promotion of Gene Rudy to the rank of MSG, attended by his wife and bowling partner, Ginny.

“Sergeant Rudy’s had a big month,” joked LTC(P) Valvo, “He

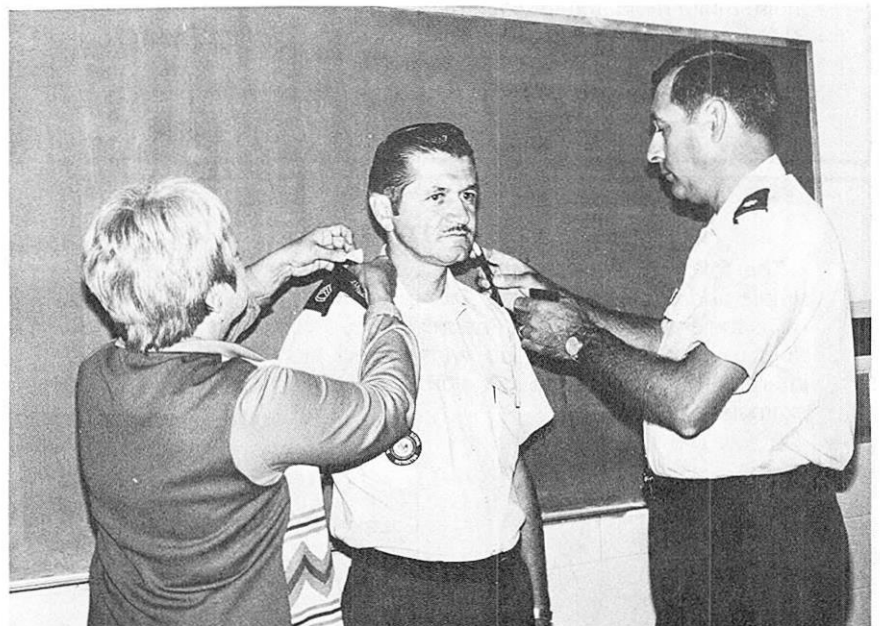
Dual honors marked the ceremony for Joel—a promotion, a medal, and a new assignment in Germany for the DCAG CONSD instructor.

see DCAG FOLKS, page 5

It was a red-letter DCAG awards day, but also a bittersweet one as the Department turned out to say farewell to recently-promoted MSG Joel Foster.

LTC(P) Valvo characterized Joel as “an instructor who has proven himself many times over.” MSG Foster, who is departing DMS for a tour with a facilities engineering group in Germany, joined DCAG in 1977. In 1981, he was chosen as Enlisted Person of the Year.

As further evidence of his vast contributions to the Defense Mapping School, he was awarded the Defense Meritorious Service Medal. The citation reads, in part: “Sergeant Foster developed, pretested, and implemented the student handout, Supply Depot, which comprised 28% of the hands-on exercises in the architectural phase of the Construction Drafting Course. He was the inspiration and driving force behind the successful instruction given to construction



With wife, Ginny, on right shoulder, and LTC(P) Valvo taking up the left, Gene Rudy was promoted to the rank of MSG.

Zucker Assigned As New ODS Director

Captain Channing M. Zucker, USN, became the Director of ODS on 22 September 1982. He succeeds Colonel Merlin C. Smith, Jr., USAF, who is being assigned to HQ DMA as the new Chief of the Requirements Division (PRR).

Prior to reporting to ODS, Captain Zucker served as Director for Geophysics for the combined staffs of Commander-In-Chief, Atlantic, (CINCLANT), and Commander-In-Chief, U.S. Atlantic Fleet (CINCLANTFLT), Norfolk, Virginia.

Captain Zucker is a native of Roselle, New Jersey. He graduated from Bowdoin College at Brunswick, Maine, in 1959, with a Bachelor's Degree in Mathematics. Upon graduation from Navy Officer Candidate School, he was commissioned as an Ensign in February 1960.

His early sea duty included assignments aboard the cruiser USS Saint Paul (CA 73), the destroyer leader Dahlgren (DLG 12), and the destroyer USS Richard E. Byrd (DDG 23), where he performed duties as Combat Information Center Officer, Navigator, and Operations Officer, respectively. He qualified as a Surface Warfare Specialist in 1968.

Captain Zucker earned a Master's Degree in Geodetic Science from Ohio State University in 1969, and completed the Master of Marine Affairs Program at the University of Rhode Island. He is also a graduate of the Command and Staff Course at the U.S. Naval War College in Newport.

In 1970, Captain Zucker was designated as a Geophysics Special Duty Officer. He commanded Oceanographic Unit TWO aboard the USNS Dutton (T-AGS 22) from October 1970 to October 1971. He then reported for duty at the Naval Oceanographic Office in Suitland, Maryland, as Deputy Manager of the



Captain Channing M. Zucker

Ocean Survey Program. With the establishment of the Defense Mapping Agency in July 1972, he was ordered to the DMA Hydrographic Center where he served as Chief of the Program Integration Division. In 1975, Captain Zucker reported to DMA Headquarters for a three-year tour of duty as Special Programs Officer in the Programs, Production and Operations Directorate.

From May 1978 to November 1979, Captain Zucker served as MC&G Officer for CINCLANT and CINCLANTFLT. In December 1979, he became their Director for Geophysics. In this latter capacity, he also served as the Commander-In-Chief, Western Atlantic Area member of the NATO Military Oceanography Group. Additionally, he was responsible for the coordination of navigation matters within the command.

Captain Zucker's awards and decorations include the Defense Meritorious Service Medal, the Joint Service Commendation Medal, the National Defense Service Medal and the Armed Forces Expeditionary Medal.

Captain Zucker is married to the former Yasuko Igarashi of Tokyo, Japan. They have a son, Michael, and a daughter, Lisa. The Zucker family resides in Burke, Virginia.

Forest fires burn more than trees.



DCAG FOLKS, cont. from 4

also had a hole-in-one not too long ago!"

In a more serious vein, the DCAG chief commented on Ginny's presence, and on the general support that spouses provide to Army members.

Other awards included an Outstanding Performance Certificate for Mr. Barbara Windland; the Good Conduct Medal for MSG Foster and SFC "Luke" Lucas (awarded "despite the condition of his car"); and a Senior Instructor Certificate for SSG Ty Bingamon.

"I'm pleased with all the awards," concluded LTC(P) Valvo, "Your work is superb and it hasn't gone unnoticed."

Poulsons Participate In Promo

MC&G Conference Set For Oct.



You may now call him SFC Poulson—or Ted, if you know him well. Exactly 7 hours and 15 minutes beyond the official promotion time, with the help of his wife, CPT Pat Poulson, and LTC Desrochers, Ted was promoted to his new rank. Congratulations to the Poulsons, on a well-deserved achievement.

DMA Ladies November Tour and Luncheon Invitation

A 1½ hour tour of the U.S. Naval Observatory will be given on 17 November 1982, beginning at 10:00 A.M. The tour will be limited to the first 35 reservations. Lunch at the Sir Walter Raleigh Inn will follow the tour. Reservations for the luncheon are unlimited.

All DMS women are invited to attend. DMS men—please take this announcement home so that your wives may participate, if they wish.

For tour and/or luncheon reservations, please call Lorraine Durbin at 933-3875, before 10 November.

The 7th Annual DoD Mapping Charting and Geodesy (MC&G) Conference is scheduled for October 18-21 1982, hosted by the Defense Mapping Agency.

After a welcoming address by Army Major General Richard M. Wells, DMA Director, in the Defense Logistics Agency Auditorium, Cameron Station, representatives of the Services will make opening day presentations. They are: Brigadier General Harry E. Soyster, USA, Assistant Chief of Staff, Intelligence, Intelligence Systems and Automation; Rear Admiral J.B. Mooney, Jr., USN, Oceanographer of the Navy; Major General John B. Marks, Jr., USAF, Assistant Chief of Staff, Intelligence; and Brigadier General George H. Leach, USMC, Director of Intelligence.

Other distinguished speakers Monday morning include Rear Admiral H.R. Lippold, Jr., USN, Director of the National Ocean Survey; Mr. Rupert B. Southard, Chief, National Mapping Division, U.S. Geological Survey; and Mr. Ronald K. Kiss, Assistant Administrator for Ship Building Operations, Maritime Administration. The first day concludes with remarks by representatives of the eight Unified and Specified Commands. DMA, NOS, and USGS, represent all Federal producers of MC&G products; the Services, the U.S. Commands and MARAD represent MC&G customers.

On Tuesday, workshops are scheduled on Distribution, Requirements, Terrain Analysis and EUCOM/LANTCOM matters.

Wednesday's Plenary Sessions will cover such areas as Digital Image Technology, Point Positioning

see MC&G, page 8

Anderson Cited With Two Awards



CW3 Norm Anderson, who was appointed to warrant officer during his last tour at DMS (72-74), received a pleasant welcome back when LTC Desrochers presented him with the Army Achievement Medal and the MSM for work completed on his last

tour with the 20th Engineer Brigade, Fort Bragg.

The MSM citation, awarded for Norm's work as Platoon Leader, Operations Officer, and Air Movement Officer, reads, in part: "Chief Warrant Officer Anderson

Wake Up, Norm! LTC Desrochers awards CW3 Anderson for work accomplished on his last tour.

aggressively coordinated topographic support requirements with Corps Staff elements and tactical commanders. In his assignment with the 63d Engineer Company, he developed innovative training techniques which dramatically improved the technical proficiency of his platoon and the company."

The Army Achievement Medal specifically cited CW3 Anderson's "initiative, imagination, and topographic expertise in the development of the training evaluation and in the coordination of the topographic support for the exercise GALLANT KNIGHT 82. The well-executed scenario was acknowledged by the evaluators as one of the best and an example for other Topographic units."

Norm, who is assigned as a photomapping instructor in TSD's MCD, is a *perfect* addition to CPT Tuttle's circle. We welcome him, his wife Kathleen, and sons, Chris and Scott, back to the Fort Belvoir area.

EERC Aids in Career Plans

Military spouses in a quandary over their professional or educational future need only go as far as Middleton Road for help.

Thanks to the newly-formed Education and Employment Resource Center (EERC) of the ACS Military Life Skills Program, military spouses may now take full advantage of the free referral services for educational planning, paid and volunteer work, or any combination of these long and short-term goals.

EERC's major function is not to

act as an employment agency, but the Center will strive to develop a pool of job information through contacts with state and federal employment services and local job sites.

EERC will place special emphasis on volunteer training and development, not only because volunteer work gives aid to those who need it, but also because volunteers readily benefit by the job experience they receive. (Much of what one learns in a volunteer assignment may be used to

strengthen a resume and provide much-needed experience in order to secure a paying job.)

By combining these employment services with information on educational programs, the Center strives to "recognize the entire life-planning process which promotes the individuality of the family member and provides for varying needs which exist during different phases of his or her life."

The Center's Director is Lynne L. Armstrong, an experienced counselor and career educator. Ms. Armstrong is also an Army spouse, as are most of the initial volunteer staff who planned EERC.

see EERC, page 8

DMA Director Announces Two SES Selections

Two new Senior Executive Service selections were announced in September by MG Richard M. Wells, DMA Director. Edward W. Finnegan was selected as Assistant Deputy Director, Programming, at HQ DMA. At the same time, Paul L. Peeler, Jr., was selected Deputy Director for Programs, Production and Operations at DMA's Aerospace Center, located in St. Louis, Missouri.

Finnegan previously held the position of chief, External/Special Activities Division at Headquarters, and was its international relations officer.

After serving with the U.S. Navy from 1955-1958, Finnegan began his federal career with the U.S. Coast and Geodetic Survey as an astro-geodetic surveyor. From 1964-71, he was a geodesist with the U.S. Naval Oceanographic Office (NAVOCEANO). After serving briefly as a geophysics research project officer with the Defense Intelligence Agency in 1972, he returned to NAVOCEANO to head the Applied Geodesy Branch. He joined DMA in October 1973 as the geodetic survey officer in the Special Programs Division.

A native of Lubec, Maine, Finnegan attended the University of

New Hampshire and Plymouth State College. He obtained his Bachelor of Science degree in Cartography from George Washington University, Washington, D.C., graduating with Special Honors. In 1967, while with NAVOCEANO, he was awarded a Master of Science degree in Geodesy from Purdue University, Lafayette, Indiana, where he did additional postgraduate study through 1971.

He was named DMA Employee of the Year in 1976 and in 1977, was a Distinguished Graduate of the Industrial College of the Armed Forces. In 1981, he was a graduate of the Federal Executive Institute. He received the DMA Meritorious Civilian Service Award that same year.

He and his wife, Melinda, and their two children live in Annapolis, Maryland, where he was Alderman of Ward I, Annapolis City Council, from 1977-81.

Peeler brings a broad technical and managerial background to his new job. Beginning his career in 1961, he entered the Army Map Service as a geodesist, where his experience included assignment as advisor to the Sudan Survey Department in Khartoum in 1967. On his return to AMS, he served first

in the Department of Geodesy and later in a variety of staff positions in the Programs Branch and Production Management Branch.

In 1972, when DMA was established, Peeler chaired a major management study group. Five years later, he was assigned to the Plans Division of the Plans and Requirements Directorate at Headquarters, where he remained for two years before taking the position of chief of the HTC Cartographic Data Division in 1979.

Peeler's next assignment as chief of Field Offices put him in charge of offices in San Antonio, Texas; Louisville, Kentucky; and Providence, Rhode Island. In that position, he directed the largest department of the Hydrographic/Topographic Center.

Peeler, a native of Pittsburgh, holds a Bachelor of Science degree Physics from Lincoln University in Pennsylvania and a Master of Science degree in Business Administration from Central Michigan University.

He and his wife, Lurline, and their two children live in Gaithersburg, Maryland.

EERC, cont. from page 7

While the goal of the Center is to aid the military community, it also depends on reciprocal help from all who can offer job information, resource materials, or volunteer time.

If you need educational or career planning aid, you may visit the Center at 1169 Middleton Road, or call 664-3912/6664.

So long old junk.

Sparky knows that trash can cause fires. Let's go on a clean-house campaign.

What did you throw out?

Oily rags
Old paint
Unsafe containers for gasoline
Old newspapers
Rubbish
Wood scraps
Old tires
Broken or outgrown toys
Old clothes and costumes
Unused boxes and bags
Other stuff like

and

Learn Not To Burn



MC&G cont. from page 6

Support, New Survey Specifications, and others.

The Conference concludes Thursday with a morning Plenary Session, workshop reports, and closing comments by General Wells, followed immediately by an official luncheon in the Cameron Station Officers' Club.

HQ DMA/PR again has responsibility for the Conference with specific actions assigned to the Plans Division, PRP.

SFC Wright Retires; Receives JSCM And Goes to Lunch!

Earl-y Release In AMS



Mr. Cummins, Chief, AMS, presents the JSCM citation to our departing Travel & Security NCO, SFC Earl Wright.

“Back in 1980, I put out the net in Europe for a Travel and Security NCO. SFC Wright arrived in June and I soon realized I had a good catch. Earl’s just a hard guy to stump, no matter what the problem!”

With these words, AMS Chief, Mr. Chesley Cummins presented the JSCM to Earl, who is retiring after 20 years of Army service, two of which were spent at DMS.

Earl was specifically cited for: “His astute knowledge, sound judgment

and tenacity of purpose (which) enabled him to render unequaled administrative service in the areas of security, travel, publications, and message center operations.”

After presentation of the award, with the help of newly-arrived SFC Wally Wallace, Earl’s replacement, and SFC Burt Ayres (Jack Del Barto’s replacement), we were actually able to wrestle Earl away from the office for lunch and the presentation of a few goodies. (This was a first in AMS history and we discovered some things about Earl we never knew!)

When I say Earl will be missed, I’m speaking for all the folks who have dealt with him and worked with him for the past two years who have come to appreciate his true dedication, sense of humor—and argumentative abilities!

When MSG Jack Del Barto left a few months back, Earl plunged into the MILPER job with the same vigor that always characterized his other work in AMS—and there were indeed some busy days!

We wish him all the good fortune in the world as he and his family settle in the Hampton Roads area of Virginia.

New DeWitt CCU Opens

4 October 1982 marked what has been described by the Fort Belvoir Medical Department Activity as “a new era in the art of delivering more comprehensive care to the critically ill patient.”

This date marked the completion of the DeWitt Army Hospital’s critical care unit, and was celebrated with a ribbon-cutting ceremony presided over by Major General Quinn Becker, Deputy Surgeon General, Office of the Surgeon General.

The ceremony began with an invocation by Chaplain (MAJ) Donald G. Wilson. Introductory remarks and a brief history of the CCU were provided by COL Matthew J. Barlow, Jr., Commander DeWitt Army Hospital.

MG Becker, Guest of Honor, was joined in remarks by BG Hazel Johnson, Chief, Army Nurse Corps.

A ribbon-cutting and cake-cutting ceremony followed.

The CCU consists of seven acute care beds and four step-down beds and encompasses a concentration of qualified professional staffing and supporting services and resources.

P.S. SGM Bill Locke, who attended on behalf of DMS, completed the appropriate research to insure that the cake was non-caloric and dietically nourishing.

Sigh! Sigh! Sigh! Sigh! Sigh! Sigh!!!!

Aha! Do I have your attention?

That huge sigh of relief you heard emanating from Bagley Hall was all the members of GAD, in tandem, expressing their emotions on the new, experimental-and we hope, permanent-outside printing of the *Contour*. Current plans call for the printing of the paper by the GPO, rather than the GAD. Keep your fingers crossed.

This transfer of the printer's ink

was scheduled to take place with this issue. Your Editor and roving reporter will continue to do the typesetting and the layout, but there will be a few changes in the paper. Because of the laws of printing, the *Contour* will come out in pages that are multiples of four (i.e., eight-page editions, twelve-page editions, and, heaven forbid, four-page editions).

There will also be a schedule change, with the following tentative deadlines in effect:

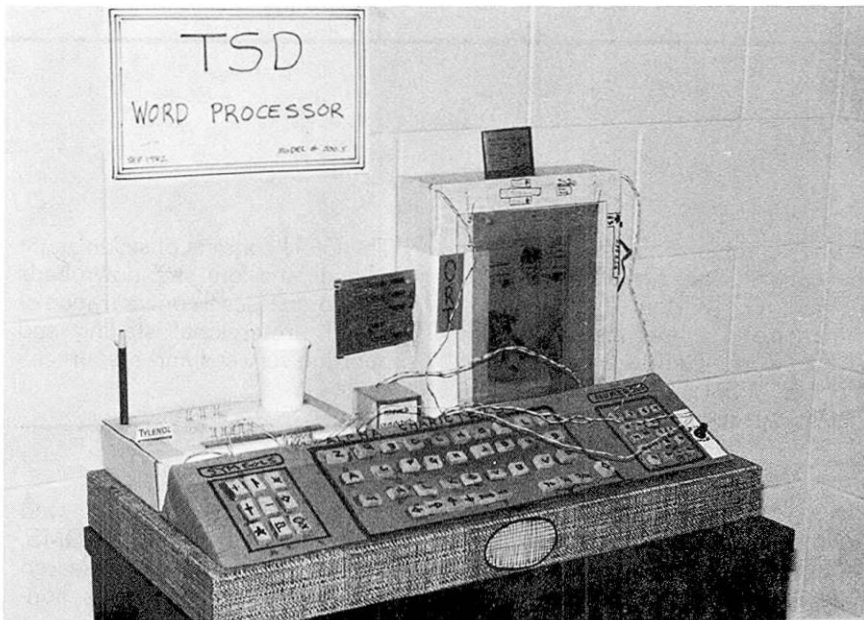
| DATE | DEADLINE TO EDITOR | PUBLISHING DATE |
|-----------|--------------------|-----------------|
| November | 5 November | 23 November |
| December | 6 December | 21 December |
| January | 3 January | 18 January |
| February | 31 January | 15 February |
| March | 28 February | 15 March |
| April | 4 April | 19 April |
| May | 29 April | 17 May |
| June | 6 June | 21 June |
| July | 5 July | 19 July |
| August | 1 August | 16 August |
| September | 5 September | 20 September |

MEANWHILE, BACK AT THE GAD...

On behalf of the School, I would like to offer thanks to all the members of the Department of Graphic Arts, who, for the past eight years, or so, through 185 issues, and some 1,369 pages, through thick and thin, and curses, and bad pictures, and mistaken enlargements, and last-minute announcements, and deadlines, and collating by hand, and stapling, and correcting, and reprinting, and struggling and juggling...and printing and shooting...and eight or nine editors, persevered and got the job done. Thanks, y'all, for making my job easier and for always being there to hoist the *Contour* out on the newstands.

Using a stock of cardboard, gum erasers, and office desk staples (like the headache pills pictured), and utilizing an abundance of creativity, the fellows in CPT Tuttle's office were at it again. Sherry Bowers eagerly set about making the contraption work. (Notice the output on the screen.)

TSD Bytes Bullet for Sherry



Moving "Top" Spins Home to DMS



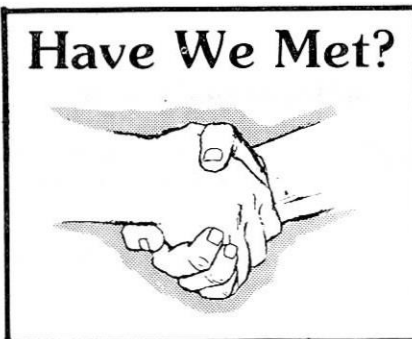
If you ask the newest civilian member of GAD's Photolithography and repair Division what it's like to be "on the DMS platform", he'll naturally answer: "Oh, about the same as it was three years ago."

The man who knows whereof he speaks is our own retired Marine MGySgt, Bill "Top" Sutton, who spent a total of eight years of his military career instructing at D/TOPO--DMS.

At times, Bill must feel as if he never left. His present office mate, John Aranza, was his instructor back in the days when John was a Master Sergeant, and Top was a brand new student in the D/TOPO Process Photographers' Course (1963). "I think he sat at the same desk," Bill recalled, "But of course I was on the other side back then."

In 1967, Bill returned to D/TOPO as an instructor until 1969, when he served in the 3d Marine Division in Vietnam. He then spent a tour as a lithographer with the Marine Corps Development and Education Command (MCDEC), Quantico, before returning to our hallowed halls as an instructor, chief instructor, and senior instructor (in that order), in GAD. He was selected as DMS Enlisted Person of the Year for 1978, and retired from the USMC--and DMS--in 1979.

After a year spent working at a commercial production plant in Valdosta, Georgia, Bill returned to the D.C. area, first working as a federal employee with the Federal



Deposit Insurance Corporation, and then as a general lithographer back at MCDEC.

At last he's come home to DMS--and he happily admits he likes instructing much better than production work. Since his first class of his civilian teaching career has graduated, Bill spends much of his time gearing up for the next one by rewriting lesson plans and working with the GAM 3 exposure device (for shooting halftones). The GAM 3 was installed right before Bill left in 1979.

Bill and his wife, Arlene, make their home in Stafford, where, as "Harry Homeowner", Top admits to "learning how to use a rake and push a wheelbarrow". He also bowls on the DMS Mixed League and the Castle League (occasionally), and enjoys golfing (which should come as no big surprise to those who knew him in years past).

We're all welcoming one of our "Top" men back to the lectern with open arms.

2. 1. MAJOR A 2. MACPHERSON

ACROSS

1. AF O-4
2. CRC in TDE

DOWN

1. Raingear (BRIT)

Faithful readers of the *Contour* (all two of you!) will have noticed in the last few months that Major

William "Mac" MacPherson has concocted some incapacitating trivia and puzzles for your enjoyment and enlightenment. It has occurred to your roving reporter, however, that Major Mac may also be somewhat of a mystery to those who have not met him in the line of duty (or elsewhere).

So here he is--the brains behind the puzzles, our new Curriculum Requirements Coordinator, the fellow who insures that DMS courses meet Service needs, our expert crosswordologist, *et cetera*.

Mac arrived at DMS last spring after a tour as Chief, Target Materials Section, 460th Reconnaissance Technical Squadron, Langley AFB. A graduate of Tufts University with a degree in geology, Mac is an 18-year member of the Air Force. (His anniversary date was the 28th of September, and since this tour will take him over the twenty-year mark, DMS may very well be his "military swan song".)

Other tours include duty as the overseas units coordinator at the HQ Aeronautical Chart and Information Center, in our DMA sister city of St. Louis, and three tours as a cartographic officer, first at Elmendorf AFB, Alaska, and subsequently at Beale and Offutt Air Force Bases. Major Mac also served with HQ U.S. Air Forces Europe (Wiesbaden) as MC&G officer.

Mac's Elmendorf tour induced an addiction to fresh and salt water fishing, but he ruefully admits: "I was spoiled. I haven't had really good fishing since I left Alaska. We used to put 15-inch rainbow trout back to grow up."

When spare time permits, you may also find Major MacPherson eagerly engrossed in crossword and other puzzles, or reading mysteries and historic works. He also enjoys rock-and-roll music (the early era as opposed to punk and heavy metal) and cooking, especially Greek and Indonesian dishes.

Oh, yes, and if you are ever in need of words of wisdom, Mac has a calendar on his desk that can supply you with a Murphy's law for any occasion.

CFC—Take it to the Top, DMS!

Under the direction of CFC Administrator, Major "Mac" MacPherson, TDE, the 1982 Campaign is underway. DMS has exceeded its goal every year since 1974, and if we all pitch in, we can make this our best year ever.

For the Federal employee, the CFC is the most effective and efficient way to support the more than 200 charitable services which serve people in need in our community, throughout the United States, and throughout the world. By contributing to the CFC, our dollars become an active instrument which will help many people move from the edge to crisis to have happier, healthful, and more hopeful lives.

In another sense, our CFC contribution is an investment for our own future because our donations assure the continuance of critical work performed by the voluntary agencies. Because of us, because of our gifts, voluntary services are available when people need them. None of us is immune to the troubles that CFC agencies are working to solve everyday.

This year, the CFC theme is "Say yes. . . Please!" Say yes to the more than 200 voluntary services and agencies supported by the CFC and committed to helping the sick and needy, young and old. . . all people who need your help.



CFC



COMBINED FEDERAL CAMPAIGN

OF THE NATIONAL CAPITAL AREA

CONTOUR

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November/December 1982

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Brigadier General Webb Selected as New DMA Deputy Director



DMA's new Deputy Director, Air Force Brigadier General William B. Webb (left), has reported to Headquarters and succeeds Brigadier General Allen K. Rachel (right). General Webb comes to DMA from duty as U.S. Defense and Air Attache to the People's Republic of China. General Rachel left on 8 October for his new post as Deputy Director of the National Strategic Target List Directorate at Offutt Air Force Base, Nebraska.

Class Notes
Class Notes
Class Notes
Class Notes

CONGRATS. . .

to Mrs. Blanche O'Connor, in the AMS Logistics Division, on her recent promotion.

AUTHOR, AUTHOR!

He claims that it took a few rejection slips, but Lieutenant Colonel Fred Gray, Chief of TDE, has experienced success as a published author at last. **Creative Computing**, a magazine devoted to all facets of computer science, accepted his article entitled "TI 99/4A, More Than Just a Pretty Keyboard," for publication. We knew our new Chief was more than just a pretty face himself!

OOPS! -

Your Editor apologizes to Norm Andersen for a) putting an "o" in his last name rather than an e, and b) accusing him of having two children, rather than just one son. These atrocities appeared, of course, in the last issue.

OFFICIAL MAIL TO GET A LICKING

If an upcoming Air Force test proves a U.S. Postal Service theory to be correct, you might just find yourself licking a stamp every time you mail an official letter.

Because it feels that an official mail stamp system would prove a more precise means of collecting postal revenue from official mail users, the Postal Service has asked certain elements of the Air Force and the Department of Agriculture to test the new system early in 1983.

If the test is successful and the concept is adopted government-wide, stamps will replace the official mail indicia now in use, and government agencies will buy official mail stamps instead of preprinted "For Official Use Only" franked envelopes.

The Postal Service emphasizes that the stamps will be restricted to official

government mail. Envelopes bearing the stamps must have a government return address.

VISIONS OF SUGARPLUMS

Last year, due to the efforts of the Army Community Service's "Operation Sugarplum", 297 children received Christmas goodies they would not otherwise have received.

"Operation Sugarplum" is in its thirteenth year of collecting food and repairable toys for distribution to needy families in the Fort Belvoir area. They will be collecting these items from now until 14 December, and all members of DMS are encouraged to bring in items, as in years, past, to help make this year's program a success. If you also wish to donate some time to the program, you may contact Captain Horton, at 46664 for more information.

LETTERS FROM SANTA

Children can receive a letter from Santa complete with a North Pole postmark, thanks to the Military Airlift Command's Detachment 2, 11th Air Weather Squadron at Eielson Air Force Base, Alaska.

It's Santa's Mailbag Program, and it works this way:

Children write a letter to Santa Claus. Relatives or friends answer the letter as if it were from Santa, then send the letter, inside a stamped envelope addressed to the child, to Detachment 2, 11th Air Weather Squadron, Eielson Air Force Base, Alaska, 99702.

Answers are returned with Santa artwork and the North Pole postmark stamped on the envelope.

Santa's "helpers" urge parents to be sure to include the self-addressed stamped envelope and the return letter and to mail before 1 December to letters can be returned by Christmas.

BONUS BATT PUZZLE

ANSWERS

- 1) Sandbox
- 2) Long underwear
- 3) Cross roads
- 4) Downtown
- 5) Split Level
- 6) Three Degrees Below Zero
- 7) Neon Light
- 8) Touchdown
- 9) Six feet underground
- 10) He's beside himself
- 11) Scrambled eggs
- 12) A Bird in the Hand Equals Two In the Bush

DUM DE DUM DUM ANSWERS

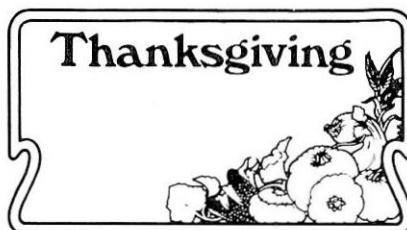
- 1) "The Witch Doctor" by David Seville
- 2) "Get A Job" by the Silhouettes
- 3) "Breakin' Up Is Hard To Do" by Neil Sedaka
- 4) "Baby Talk" by Jan and Dean

And don't forget "Papa Oo Mow Mow" by the Rivingtons, and "Rama-Lama Ding Dong" by the Edsels.

CAN YOU SEE IT?

The puzzle for this issue was supplied by our Editor, TDE, Mr. Jim Harnden.

"How quickly can you find out what is so unusual about this paragraph? It looks so ordinary that you would think nothing was wrong with it at all and, in fact, nothing is. But it is unusual. Why? If you study it and think about it you may find out, but I am not going to assist you in any way. . . you must do it without coaching. No doubt, if you work at it for long it will dawn on you. . . who knows? Go to work now and try your skill. Par is about 1/4 of an hour."



DMS CFC Heads Toward Upbeat Conclusion



A HELPING HAND—DMS Director Colonel William T. Stockhausen makes his pledge to the DMS Combined Federal Campaign. CFC Administrator for the School, Major “Mac” MacPherson stands on the right.

By the time this issue reaches the newstands, the DMS Combined Federal Campaign will have officially concluded. The latest report available, as made by CFC Administrator Major “Mac” MacPherson on 9 November, indicated that the School’s members had contributed \$8,072 toward our designated goal of \$9,000, a 90% success rate. One hundred and sixty-five folks had contributed to the Campaign; 120 did so using payroll deduction while the remainder chose lump sum

Major General Wells Urges DMA-Wide Support For Combined Federal Campaign



The first contribution in the DMA Combined Federal Campaign was a payroll deduction pledge from Agency Director, Major General Richard M. Wells. General Wells urged DMA-wide support for the annual CFC program as he handed his pledge card over to Tom Sagar, a HQ keyworker. Joining the ceremony was Ms. Judy Boch, a CFC “loaned-executive”, and Lieutenant Colonel Myron Carlson, DMA Administrator for the Washington area Campaign.

contributions.

Although it is important to report on the statistics behind the Campaign, it is vital that we see our contributions not only in terms of dollar signs, but as tangible aid which we are offering to people and organizations in our own community and throughout the world.

Everyday, while the more than 200 CFC agencies are at work, our contributions are reaching out a helping hand to those in need. The generosity of all members of the Defense Mapping School who have contributed to the CFC stands as a sterling example as we approach this holiday season of sharing and giving.

The Defense Mapping School Contour is an authorized newspaper, published monthly by and for the DMS, 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: Linda Stacy

SD Welcomes New "AF Green"

The Department of Survey recently added some Air Force "Green"—Major James D. Green, that is (no known relation to Chief Tom Green, of Survey's Instrument Repair Division). Major Green replaces Major Bob Millians, who left in August 1981, as the Chief of the Department of Survey. (He also replaces Mr. David Lehman, who has served as Acting Chief since 1981.)

Born and reared on a farm in rural Western Pennsylvania, Major Green earned a BS in geology from Waynesboro College in 1966 and then enlisted in the Air Force. After serving briefly as an electrical power production specialist in Libya, he earned a commission in 1968 and held positions as a cartographic

officer with 8th Reconnaissance Technical Squadron at Westover Air Force Base (1968-1970), officer in charge of a photolithography section with the 2nd Reconnaissance Technical Squadron at Barksdale Air Force Base (1970-1971), and as a cartographic officer with the Cartographic Technical Squadron, March Air Force Base (1971-1974).

In 1974, Major Green began a series of assignments in military training and education. From 1974 to 1978 he was a flight commander and wing instructor for the Air Force Officer Training School at Lackland Air Force Base. From 1978 to 1980, he served as Chief, Military Training Branch, and then from 1980 to 1982 as Squadron Commander for the Basic Military Training School at Lackland. Major Green's

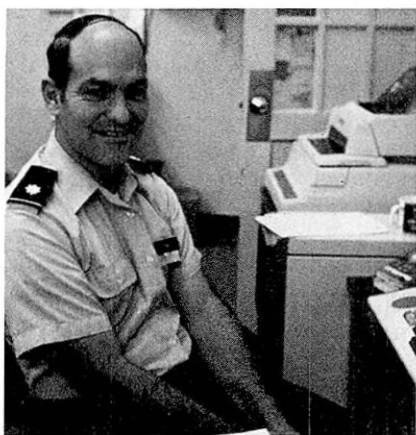
enthusiasm and involvement eventually led him to earn a master's degree in education from Our Lady of the Lake University (1978).

After spending nearly eight years in Texas, Major Green admits that he and his family have adopted the Lone Star State as home and hope to return some day. Nevertheless, he looks forward to his new job here at DMS and the opportunity it brings for him to work with students and faculty members of all Service.

He now resides in the Woodbridge (Devonshire) area with his wife, Donna, and their three sons, Keven, 13, Jeffrey, 11, and Daniel, 5. An outdoors type, thereby proving that you can take the boy out of the farm, but not vice versa, Major Green joins several others in SD by listing fishing as one of his favorite pastimes.

DMS and SD are proud to welcome Major Green and wish him the best on his new assignment.

TDE Adds Army "Gray" Chief



Slip slyly into TDE in search of its chief, Lieutenant Colonel Fred C. Gray, and you're liable to find him ensconced in front of the new word processor. (See "Class Notes" for more evidence of Colonel Gray's interest in all computers.)

When Colonel Gray arrived at DMS last summer, he did not have to come far (a "three minute and twenty-seven second walk"). His last

assignment was as Executive Officer at the Nuclear and Chemical Agency, Fort Belvoir (actually located in Springfield). He also served as a Material and Systems Officer at the Agency, from 1978 to 1981. From 1976 to 1978, he served with the 10th Engineer Battalion, 3rd Infantry Division, Germany, first as an Assistant Division Engineer, and then as S3, and finally as the Executive Officer.

From July 1974 to August 1975, he served as a Research Officer and Chief of the Accelerator Branch of the Armed Forces Radiobiology Institute in Bethesda.

This is actually Colonel Gray's sixth tour at Belvoir. His previous "school" experience includes writing portions of the Basic Course at the Engineer School, using good old task analysis, and serving as an instructor there.

A graduate of the U.S. Military

Academy, Colonel Gray holds a masters in science from the Naval Postgraduate School (nuclear physics). He is presently working on his doctorate in—you guessed it!—computer science at George Washington University.

Both Colonel's Gray's father and grandfather served in the Air Force. The Warner Robbins Air Force Base in Georgia is named for Brigadier General Robbins, Colonel Gray's grandfather.

We welcome the Gray family to DMS: Colonel Gray's wife, Lillian (Thalia), daughters, Kelly and Tracy, and son, Peter (5).

When he's not playing with microchips, Colonel Gray enjoys music, racquetball and tennis. He plays the trumpet, piano and guitar, and sings in the Post Choir. (His three kids also take piano lessons, and the youngest is into the trumpet.) Colonel Gray also jogs—but doesn't "enjoy" it.

In Sympathy

It is with great sorrow that we announce the passing on of William Paul Ferguson, who served as an instructor in the Defense Mapping School's Department of Survey since January 1982. Mr. Ferguson passed away on 29 October 1982. Interment was held at the Arlington National Cemetery.

Mr. Ferguson was born in Frogue, Kentucky, on 30 April 1933. He honorably served his country as a member of the United States Army from April 1953 until December 1979, when he retired as a First Sergeant from the 30th Engineer Battalion, Fort Belvoir, Virginia.

Mr. Ferguson previously served as a geodetic survey instructor in the Survey Department of the Department of Topography from February 1966 to June 1967. He was also assigned to the Army Map Service as a reconnaissance map sergeant from June 1967 until October 1969. A recipient of the Meritorious Service Medal and two Army Commendation Medals, Mr. Ferguson served his country during the Vietnamese conflict.

He is survived by his wife, Lucie, sons, William, Jr., Robert, and Duane; a daughter, Barbara; and a grandson, Robert Ray, II.

All of us are saddened by this tremendous loss.



TSD student 1LT Nancy M. Morton recently received the ARCOM for work accomplished at the Geotechnical Branch of the Los Angeles District of the Corps of Engineers, from January 1981 to August 1982. The citation specifically cited her for her "outstanding degree of excellence and dedication in the preparation of geologic evaluations for the Dam Safety Assurance Program, the Santa Maria River Flood Protection Project, and the Painted Rock Dam Seepage Study."

Child Auto Restraint Law Takes Effect

Virginia legislators have passed a bill making parents responsible for properly restraining children under four years of age when riding in a motor vehicle. The bill will require children to be secured in an approved child restraint or, if appropriate, to wear a seat belt.

The law becomes effective 1 January 1983 and applies to parents and guardians of children riding in vehicles registered in Virginia. School buses, other buses, and farm vehicles are exempt.

Previously, the law failed to pass because of the concern for parents who could not afford to buy restraints for their children. Now, persons who can demonstrate that they are financially unable to purchase child restraints will be able to obtain seats on loan from the state for as long as they need them.

Under the new bill, the penalty for not restraining children will be a civil fine of \$25. Money from these fines will be used to help buy child seats for the loan program, as will grant funds from the National Highway Traffic Safety Administration's "402 Program." If a parent is stopped for violating the law, and can demonstrate a financial inability to purchase a child restraint, the fine will be waived and a loan seat will be made available.

Twelve other states have similar laws: Tennessee, Rhode Island, Kansas, Massachusetts, Maine, Michigan, Minnesota, New York, North Carolina, Florida, Kentucky, and West Virginia. Another 17 states are working on passage of child restraint laws.

—This article was prepared by Major Wieland, USAF. The Insurance Institute for Highway Safety was used as a source in its preparation.

Four DMS Suggestors Receive Cash Awards



TSD's Captain Joe Mack received a \$25 award for his suggestion to publish DMS staff meeting minutes. The suggestion has been in effect for several weeks and will be evaluated at the end of a six-month trial period.



Mr. Carl Markwell, GAD training instructor, receives his suggestion award from Suggestion Board Chairwoman, Ms. Leslie Matthews. Through his own experimentation, Mr. Markwell determined that necessary clamps for GAD's offset presses could be modified from existing materials rather than ordered. He saved the School an estimated \$6,875. Mr. Markwell received a cash award of \$687.50 for his resourcefulness and ingenuity. (Photo by Bill Locke.)



The Suggestion Board gathered together to present a cash suggestion award to Lieutenant Colonel (P) Paul Valvo for his idea to install a stop sign at Building 1126/King Road. We heard a rumor that the cash was spent on a generous cause—doughnuts for DCAG tummies. From left to right, "Top" Sutton, John Houchins, Major Bill Farr, Colonel Valvo, ex-Chairman, Lieutenant Colonel Charles Landry, Carla Davis (Executive Secretary), and Major (then Captain), Steve Yoakem.



CW2(P) David Miller suggested that an electric cipher lock be installed in the APPS classroom to insure that classified materials are safeguarded and instructors freed from "guard duty".



Major Green (back to camera), presents the DMSM to retiring CW4 Stevens.

SD Bids Farewell To Mr. Stevens

“The thing that counts most is comradeship.”

These were the farewell words of Chief Warrant Officer 4 Everett Stevens, as he addressed friends who gathered to congratulate him on his retirement from 27 years of military service.

Chief Stevens received formal honors in the form of the Defense Meritorious Service Medal. The citation reads, in part:

He “distinguished himself by meritorious service while serving as Chief, Geodetic Survey Division, Department of Survey, from 25 April 1977 to 30 September 1982. During this period, Warrant Officer Stevens demonstrated outstanding initiative, dedication, and technical competence by developing and implementing new geodetic survey courses that enable the School to train students in the use of modern,

sophisticated survey equipment. By consistently and uncompromisingly striving for excellence, he has made a truly significant contribution to enhancing the the professional level of geodetic surveyors as well as to the School’s training mission.”

But the honors did not end there. He was also presented with a handcrafted wooden clock, marked with four “warrant bars.” His official “Survey Survival Award”, officated by “the turtle”, applauded Mr. Stevens for “withstanding puns on his goats, long and trying walks to work, taco breaks during lectures, GO/NO GO, Gina’s punches, TIR’s complaints about BGS equipment, the free paint job on his car” and several other quirks of life that sometimes accompany survey tours.

Explaining that he had “enjoyed my entire service career”, Mr. Stevens noted that his hardest

decision came when he opted for a change from the Air Force to the Army as a career.

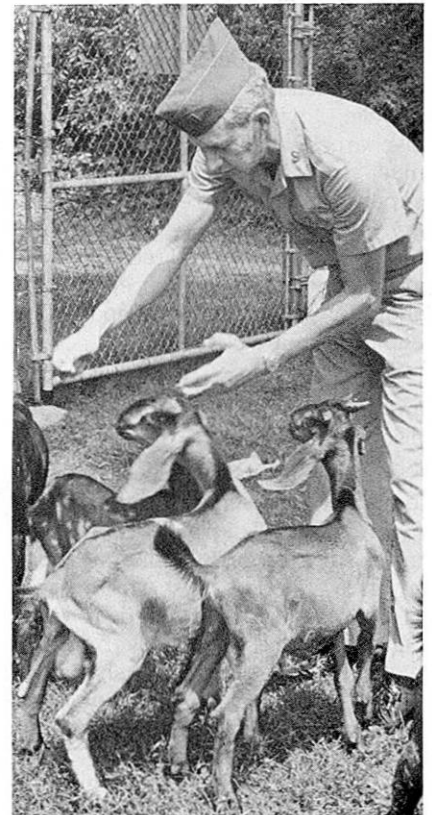
“I wanted to stay in the same career field, I really enjoy surveying. But I must say my experience with artillery opened my eyes to what the Army is really about.”

As he looked around the room, he mentioned each person in turn, and did not forget those who could not be there.

“My five years here were very enjoyable. I’ll think of you all,” he concluded.

We’ll let Major Millians have the last word on Everett, from an article he wrote on the Chief’s relationship to the goats that lived behind his house, and that enjoyed his care for many years.

“Perhaps the Chief feels a kinship with the goats. It has ocured to me, although I really can’t believe it, that the Chief is a reincarnated goat god. Then again, maybe I should take a closer look at his legs. He may just enjoy watching them play. Gambol, I believe, is the proper word. Considering *that* word, maybe the goats are reincarnated WO’s.”



Going Home For The Holidays?

MAKE TRAVEL PLANS EARLY

Christmas and the holidays are just around the corner. With the holiday season comes the accompanying rush and congestion at air, bus and rail terminals. Military members, therefore, are encouraged to carefully plan their trips and make reservations as early as possible for leave travel over the holiday season. The main reason behind this, of course, is to take advantage of the discount fares that are available to military personnel traveling on leave at their own expense.

DISCOUNT LEAVE FARES

All airlines offer reserved-seat discounts to military personnel. Discounts range from 25% to more than 50% off. All active duty Army, Navy, Air Force, Marine Corps, and Coast Guard members are eligible for the discounts. Additionally, Service academy cadets and folks traveling within seven days of discharge are eligible. All personnel must be traveling at their own expense on authorized leave, pass, or liberty or be a dischargee. Members are not required to travel in uniform but must be prepared to show an ID card or separation papers to buy tickets.

As of this writing, carriers have not imposed any blackout periods on discount leave fares.

Travelers should check with their local Schedule Airline Traffic Office (SATO), travel agent, or airline to make sure they are getting the best price available. As many promotional fares offered to the general public may be even lower than military discounts, shopping around is the key to saving dollars. Also, please be patient with ticketing

see HOLIDAY TRAVEL, page 10

The smiling duo—Pat and Rich



DMS Loses A Couple to Germany

There was Sergeant First Class Calvin Nazworth with a tie on to make his uniform "formal." There was Uncle Jake Jacobs and CW3 Al Yovorsky making cracks about fishing, golf, and \$40,000 cars. And there were a lot of folks in the audience wishing the couple all the best, but missing them already.

It was the farewell luncheon for Sergeant First Class Rich Beebe and his wife, Pat, who are heading for a tour in Germany, after a month's vacation in Florida.

Rich joined DMS in 1976 as an instructor in the Reproduction Equipment Repair Division. Pat came on board as a secretary in

AMS before becoming GAD's editorial assistant after Daisy Hutson retired.

We tried to get Pat to say a few words, but she insisted that Rich had enough to say for both of them.

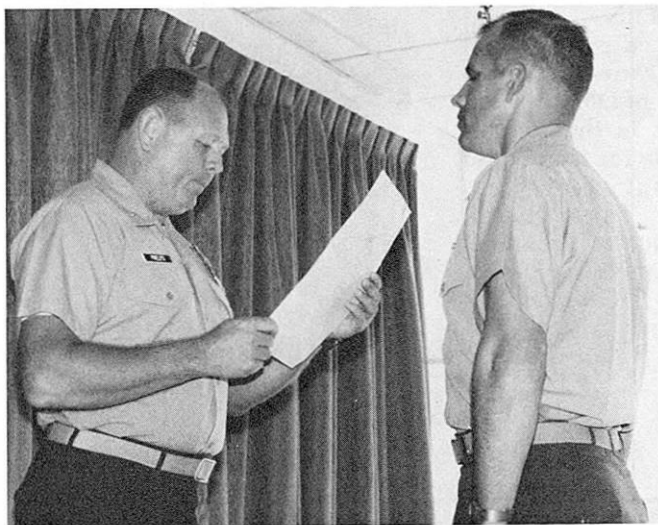
"We've both been here a long time," he noted. "We really are looking forward to a change. But there are certainly some things we'll miss—like all of you."

GAD Chief Lieutenant Colonel Zebell presented the Beebes with their traditional DMS plaques and two traveling bags to see them on their way. Rich's plaque had a few artistic additions made by GAD, all depicting his favorite hobbies.

The Chief of Gad wouldn't let Rich go until he promised a couple more years of faithful service to Uncle Sam.



PBO's Yoakem Makes Major Step!!



Above, USMC Representative at Fort Belvoir, Lieutenant Colonel Phelps, reads the oath of office to new Major Steve Yoakem. At right, the real reward, as Steve's wife, Frances, congratulates her husband. Major Yoakem arrived in the summer of 1981 as our new Training and Program Coordinator in PBO. With the birth of his son, Philip Michael Antonio, this past June, this is turning out to be a most fortunate year for the Major and his family. Congratulations from all of DMS.



SGM SEZ

by Bill Locke

A second congratulations to those who completed the DMS version of the Instructor Training Course several weeks ago. As guest speaker at the graduation ceremony, I noticed a few old-timers in the audience. By now, these folks have learned to discern my light comments from my more serious ones, but they must still have felt like they were hearing an old record. Anyone who has been around here a while has heard me expound on the necessity for the highest dedication on the part of our instructional staff. I sincerely hope, however, that for the newer members of the faculty, the course ably taught by Mrs. Kersey and company—along with my comments—will provide a basis for personal growth while assigned to the School.

If you've been intending to buy tickets for the Christmas Dinner Dance on 3 December, I hope you're not too late. See your Departmental Chief Instructor or give me a call.

see SGM SEZ, page 10

Drinkers Hurt Others, Too

The old myth that people with drinking problems hurt only themselves is just that—a myth. People who drink too much also hurt their families, friends, fellow-workers, employers and others.

Fortunately, as more people learn that alcoholism is an illness that can be treated, they become more willing to try to help someone with a drinking problem.

To help you know how to go about this and what resources are available to help you, the U.S. Department of Health and Human Services has a booklet, *Someone Close Drinks Too Much*.

Don't be afraid to talk about the drinking problem honestly and openly. Some people think it's not polite to bring up the issue—they say it's the other person's private affair. But there's nothing considerate about letting someone destroy a family or way of life. Most people with drinking problems really want to talk it out. Just try to remain calm, unemotional, and factually honest when you discuss the behavior and its consequences.

For more help, contact your local office of Alcoholics Anonymous, or Al—Anon Family Groups. For your copy of *Someone Close Drinks Too Much*, send \$1.50 to Consumer Information Center, Department 210 J, Pueblo, Colorado, 81009.

Looking For Superfolks

All members of DMS are invited to submit recommendations for the DMS People of the Year Awards. Nominations for people who were assigned to the School prior to 1 October 1981 may be made in one of three categories: Outstanding Civilian of the Year; Outstanding Enlisted Person of the Year; and Outstanding Officer of the Year.

Recommendations/justifications are due to the Deputy Director, in sealed envelopes, please, not later than close of business on 8 December. Final decisions will be made by the DMS Selection Board on or around 14 December. The Board is Chaired by CDR Slayman and consists of one representative from each Office and Department.

The awards will be presented on Employee Recognition Day, which is scheduled for 17 December. The DMS People of the Year will be the School's top three nominees for the Outstanding DMA Personnel of the Year Awards which will be made in 1983.

SGM SEZ, from page 9

We'll have no NCO Seminar or Enlisted Luncheon in December due to the holidays, but will begin anew in January. I'm still soliciting topics from all NCO's and PO's.

An added postscript (aren't they all added?). As I was giving this material to the Editor, it came to my attention that perhaps certain comments made during the presentation mentioned in the first paragraph were misunderstood. I had assumed that due to my tenure here, and that of most of the civilian work force, that a "light" comment concerning a faculty member missing at 1530, would be received in just that way—"light." Some feedback, perhaps indicates otherwise. If any of you were in doubt—don't be. When I get serious, you'll know. Until then, if you're not sure, ask.

THIS HAS BEEN a year of firsts for DMS. Led by the Chief Instructor, Sergeant Major Bill Locke, members of DMS carried the DMA colors in the Belvoir retirement parade for Command Sergeant Major Knowles. Members of the honor guard, from left to right: Technical Sergeant (P) John K. Sarles; Senior Chief Lithographer Joseph Martin; and Staff Sergeant Herold Robinson.



Do's and Dont's For Safe Season

by Mr. Aranza

DO!

Winterize your car—check your brakes, anti-freeze, wipers, snow tires or chains.

Wear seat belts; use child restraints when appropriate.

Exercise patience on the road.

Pay special attention to fire safety—keep the area around your fireplace clean; have your chimney cleaned; if you have a woodburning stove, check it over carefully.

Protect your family—have an escape plan ready and practice it.

DON'T!

Drink and drive.

Store flammable solvent

containers, oily rags, newspapers and other combustibles around your home.

Leave fires unattended.

Take chances on the road.

HOLIDAY TRAVEL, from page 8

agents as they are trying their best at this hectic time.

The trial bus discount leave fare program has expired. However, leave fare discounts to selected points in the eastern states and between eastern and midwestern states are available. Fares apply to both one-way and round trip travel with no restrictions as to the dates or times travel may be performed.

For rail travel, 25% discounts are available on both one-way and round trip coach tickets and apply year round, except on the Metroliner.

Military personnel are urged to report excellent service or any travel deficiencies to the Military Traffic Management Command, Washington, D.C., 20315, on DD Form 1341, Report of Commercial Passenger Service. These reports are used to insure that military members continue to receive nothing less than high quality service.

Icing on the Cake



Let 'em eat BDU's!

There were numerous jokes and comments floating around the School on the fateful "BDU Day"—that time when all Army members were due to have the new uniform, or else.

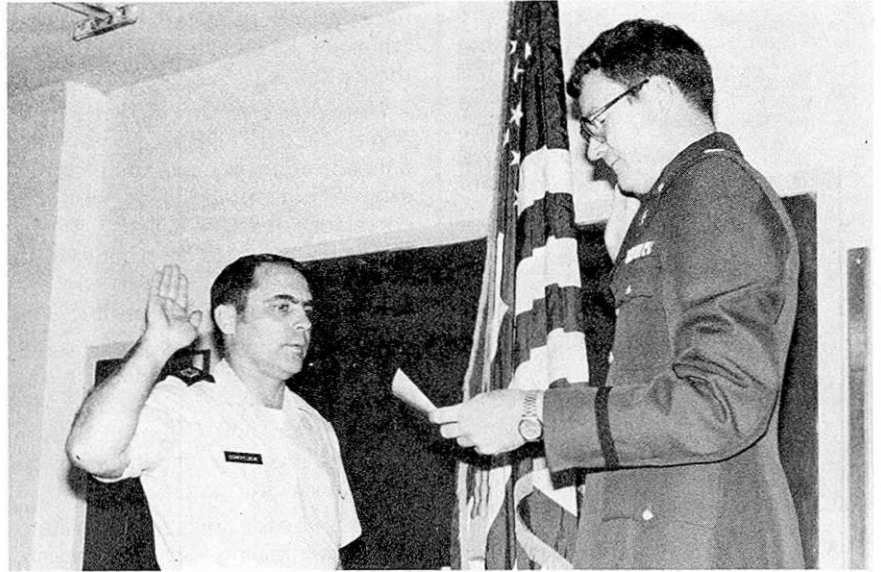
But TSD, in keeping with its tradition of celebrating whenever possible, held its own "BDU Bash". All its members donned the uniform, including the nameless person you see below, who has sworn to kill your editor if she runs another picture of her. The "official" BDU cake, baked by M. Yelton, we think, was also on hand, decorated with the appropriate colors.

Yummy to the BDU-covered tummy!

Mystery BDU Person?



With the aid of Captain Mack, Sergeant First Class David Schiefelbein, TSD, recently swore to a few more. This will make a total of 22 years. What will be the next step?



MYSTERY PERSON

A 1955 graduate of a D/TOPO course, this fellow originally hails from the windy city, but his heritage lies across the seas—in more ways than one.

He started in his printing career before his three tours at Fort Belvoir, not counting his one now as a civilian instructor.

A most pleasant fellow, he stays out of troubled waters. You won't miss the mark if you give me a call with your MP guess.

All aboard!



A Hallmark Picture

Back to Dry Land For Mrs. Roberts



When DMS trumpeted our traditional "welcome aboard" greeting to Mrs. Judy Roberts, we didn't realize how closely we had hit home. Judy, who is TDE's new educational specialist, spent the last eight months of her career at DTD's Individual Training Division, working primarily on technical tapes for the new U.S. combat support boat docked at MERADCOM.

The task analyses involved in preparing the tapes covered the primary functions of the boat, including launching, retrieving, and operations. Research for the tapes necessitated that Judy take some "thoroughly enjoyable" trips down the Potomac.

Now that she's back on dry land, and docked in TDE, Judy has been concentrating on our own course evaluation plans as well as correlating ASVAB scores with the DMS curriculum to determine which test scores best correspond to a student's potential success at DMS.

Judy's professional qualifications include a BA in History from the University of Maryland, and an MA in Education and Counseling from Boston University (via an extension program in Stuttgart).

She is already familiar with military students, having taught English, government and reading to Army students in Germany and Korea. She has also taught English and history to eighth-grade students in a private school in the D.C. metropolitan area.

If you haven't already guessed from all the references to such places

as Germany and Korea, Judy is married to an Army officer, "Skip", who is presently stationed at MILPERCEN. Together with their two teenaged sons, Mike and Chris, the Roberts have travelled extensively, including trips to Hawaii, England, Belgium, France, and the aforementioned Germany and Korea.

The family has called Alexandria home for the past four years, and much as Judy has enjoyed all of her travels, she feels she is ready to settle down. Although born in Newport, Rhode Island, Judy was raised in Hyattsville, Maryland, where she also met Skip while she was earning her BA. She feels very much at home in this area, enjoying the diverse opportunities it offers.

In her spare time, Judy enjoys walking, swimming, and still, of course, travelling.

Judy's favorite spot during all of her wanderlust years?

"The misty Normandy coast of France."

If you haven't already met Judy, stop in and say hello. She's an interesting and most welcome addition to our team of educational specialists.

Fort Polk: Losses: 1 (Wallace) Gains: 1 (Del Barto)



The big news from the AMS Administration and Personnel Division is NO SECRET! We are mighty pleased to announce the arrival of SFC "Wally" Wallace, the new DMS Security and Travel NCO, who comes to us from Fort Polk, Louisiana. (This fact is one of those interesting military coincidences. Fort Polk is MSG Del Barto's hometown, as well as his recent reassignment point. Wally claims New Orleans as his original home. We have to wonder: did Jack and Wally pass each other en route? Did they perhaps attend kindergarten together?)

Wally was the Admin NCO with the Administrative Services Division, 5th Infantry Division down at Polk. His thirteen and one-half year Army career began not with

administration, however, but with aviation. He started out as a door-gunner in Vietnam. Other tours have taken him to Korea, Alabama, and Okinawa, where he got his first taste of a multi-service tour with the Armed Forces Courier Service.

Wally, his wife, Mary, and their three children, Joseph (10), Kimberley (8), and Paula (5), live in George Washington Village. Our new Security and Travel NCO assures us that he has no "patrician" interests, and that his off-duty life revolves around his family. Wally's other major interests include working on cars, and he has a '64 Ford and a '68 Dodge as running testimonials to his success at this hobby. He also enjoys bowling (are you listening, DMS keglers?), waterskiing and rollerskating.

Welcome, Wally, welcome!

Celebrating Ten Years of DMS

1972 — 1982

Decade of Progress—Decade of Challenge



The first
change of
command...

On 30 June 1972, General Order Number 3, made by new Defense Mapping Agency Director LG Howard W. Penney, was issued. The order called for the redesignation of the Department of Topography, U.S. Army Engineer School, to the Defense Mapping School, one of four components of the new mapping agency.

Mass personnel transfers were simultaneously made, and the Defense Mapping School was born.

The last ten years, of which only glimpses may be seen in this

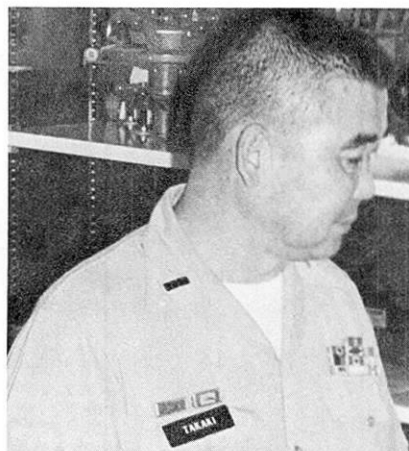
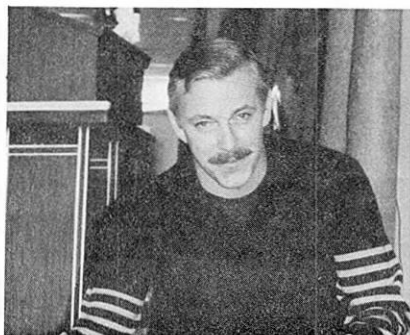
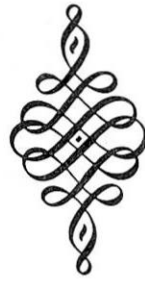
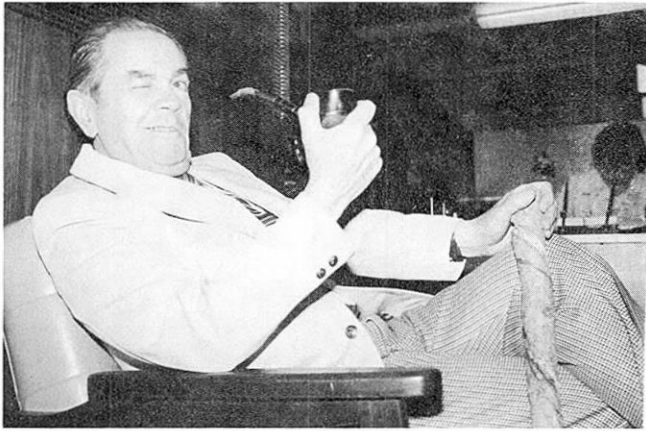
decennial special, have been an ongoing challenge, change and accomplishment.

In celebrating the decennial, we celebrate these accomplishments and significance they hold for the Agency—and for the well-being of our nation.

But more than anything else, this is a time to celebrate the medley of Army, Marine, Air Force, Navy and civilian employees who are directly responsible for the Defense Mapping School's *first* ten years of success.

... and the
last...





CONTOUR TIDBITS. . .

VOL. 1, NO 1, July 1974—

Approximately 50 people from the staff, faculty and student body of DMS, as well as distinguished guests from USAES and ETL, attended an informal discussion period with LTG Howard Penney, Director, DMA, on 16 July 1974. COL Kurtz, Director, DMS, opened the discussion indicating that the people had several areas of concern. . .career development in the topographic field; the advantages of a topographic assignment; advice to all allied students returning to their own countries to begin mapping organizations; the future of the Inter American Geodetic Survey; the future opportunities of warrant officers in the MC&G field; the availability of command equivalency positions within DMA; the potential of women in the services and within DMA; the rationale for such a large civilian community within DMA; etc.

VOL. 1, NO. 1, July 1974—

At 0730 hours, 1 July 1974, a memorable event took place in the Bagley Hall Auditorium. The event was the second anniversary of the Defense Mapping School.

The highlight of the presentations occurred when the outstanding people of the year were recognized: CW2 Andrew Yacenda received the DMS Officer of the Year Certificate, SFC Alexander R. Yovorsky received the DMS Enlisted Man of the Year Certificate and Mr. Paul W. King received the DMS Civilian Employee of the Year Certificate.

VOL. 1, NO. 2, August 1974—

A rumor has been floating around Fort Belvoir that Wheeler Hall is to be air conditioned. This time around, there is a little more substance to the rumor. The project is now being studied in the Congressional sub-committees for action in this session of Congress.

VOL. 1, NO.6, October 1974—

Why shouldn't women become fleas? We have the best qualifications for membership. After all, do you know anyone who causes an "itch" better than a woman?

VOL 1, NO.7, October 1974—

In this issue are several photographs of our new skipper getting some hands-on experience with the DMS staff and faculty. VADM Cramer, who typifies the DMS motto, "People First", indeed will take DMA a long way.

VOL.1, NO. 11, December 1974—

On 26 November, Mr. Hugh C. Murphy, Administrator of the Bureau of Apprenticeship and Training, U.S. Department of Labor, and two of his key personnel visited DMS.

The purpose of the visit was to obtain information about the survey training provided by DMS in order to qualify the training as an integral part of an apprenticeship program.

VOL. 1, NO. 11, December 1974—

The DMS fisherman have been ridiculed about long enough. During the entire 74 fishing season, articles were published continuously in the *Contour* about our fishing exploits of which there was absolutely no truth or fact.

VOL. 2, NO. 6, March 1975—

Being familiar with cartographic instruments of course you feel assured in answering the following question with one sure answer. What has binocular view capabilities but views images from two separate planes and superimposes one image over the other. Sketchmaster. However, technology has now bypassed the sketchmaster with the B&L Zoom Transfer Scope (ZTS-4). The Cartographic Compilation Branch is expecting to receive delivery of four more of these instruments this FY. One is now at use a DMS.

VOL.2, NO.13, July 1975—

SGM Tom Harris became the proud parent of 11 babies so far on 26 June 1975. (Quail of course.)

VOL. 2, NO.25, December 1975—

The Southern Association of Colleges and Schools, through its Commission on Occupational Education Institutions, has awarded accreditation to the Defense Mapping School.

Announcement of the action was made by the Chairman of the Association, Mr. Joe Mills, during the 80th Annual Meeting held in Atlanta, December 7-10.

VOL.2., NO.21, December 1975—

WANTED: In the middle of the most successful season for the DMS Star of Bethlehem presentation, the planners are mapping changes for next season. In an effort to upgrade the quality of the visuals DMS personnel are requested to donate used Christmas cards which contain appropriate biblical scenes.

VOL.3, NO.1, January 1976—

Emotions ranging from outrage to fear to curiosity have been evident. Obviously PPO was up to something again. In truth, PPO is up to something and that something is is another look at our system for recording and reporting man hours (Form 13's).

VOL. 3, NO.1, January 1976—

Final action has now been taken by the House and Senate Conferences on the FY76 DoD Appropriations Bill. The results were not as drastic for the DMS Budget as previously expected. It does mean that we will not have to undergo a RIF at this time.

VOL. 3, NO.1, January 1976—

DMS, after 3½ years, has finally gotten, not only informative, but 4 original outstanding signs erected by Bldgs 214 and 220 to assist the many visitors and students attending the School.

John Houchins designed the signs.

VOL. 3, NO. 3, February 1976—

MSG Locke is planning to use Survey's Laser Geodimeter against Bagley Hall's fruit flies. He says that if it doesn't kill them, it will at least sterilize them in flight.

VOL. 3, NO. 8, June 1976—

Colonel Edward K. Wintz, Director, Defense Mapping School, recieved his "Eagles" on 1 June 1976 at Headquarters, Defense Mapping Agency. VADM Cramer, who noted the Colonel's many outstanding achievements, with the assistance of Mrs. Wintz, pinned on the eagles.

