



Thru The Transit

As we begin our third year as the Defense Mapping School it is especially appropriate to begin publication of The Contour which will emphasize what people are doing at DMS. The Contour will be quite different in character from The Topo Scope, previously a D/TOPO publication oriented on Topo unit activities. The Contour will complement the DMA Digest which will continue to report DMS support to the MC&G community. Also, The Castle will continue to report the achievements of the students and the unique aspects of DMS interest to Fort Belvoir.

We began the new fiscal year with a flurry of visits by distinguished individuals to include the Director of the Defense Mapping Agency, the Assistant Secretary of the Army for Manpower and Reserve Affairs, and the Assistant Commandant of the US Army Engineer School. It was observed that we have come a long way as a Defense School, and we lead the pack in interservice training. We can attribute much of our success to our new joint staff and to our civilianization program - both of which have increased our horsepower considerably.

We owe a lot to LTG Penney who personally supported our efforts. He is the one who coined the phrase "Think Purple" which has been our byword for

two years. As the Director, DMA, completes his career we should pause to reflect on how we can best sustain the momentum which he has generated through his interest in the School.

We have all heard LTG Penney emphasize that we have no personnel in DMA, but we have a lot of good people. Others have noted that at DMS our product is people, not paper as in the other Components. In retrospect I think it is time to adopt a new motto suggested in the Topographic Sciences Division - THINK PEOPLE!

In the next issue I plan to report on the very significant E/P gains our people have made, some really terrific news concerning our annual picnic, and the final results of our softball challenge to HQ, DMA. Beat the RACOONS!

Think People

One of the most valuable benefits of being selected for assignment to the DMS is the Director's interest and desire that all people are offered the chance to "become famous" by being individually challenged to contribute over and beyond the normally expected performance. Whereas no penalty accrues if one does not accept the challenge, a special task well done is always rewarded

and is most meaningful when appropriate records are placed in a person's official personnel file.

Additionally, the opportunity to become fully cross trained in all MC&G disciplines is available within the three year stabilized tour at the DMS. In this respect, DMS people transferred back to the field usually take with them a breadth of experience not normally found by those yet to experience a DMS assignment.

Editor's Note

This first issue of The Contour is the result of "the conception of an idea" to have a newspaper on Monday, to write the articles on Tuesday and Wednesday, to layout the manuscripts on Thursday and to print and distribute it by Friday. This task could not have been accomplished without the complete cooperation and outstanding attitudes of a great number of people at the DMS. More will be said about this subject in later issues, but in the meantime, to borrow one of the Director's mottos, "There are no priorities when all tasks must be accomplished."

In the interim period - before the next issue two weeks from today and the following issues in the future - I would like to encourage all of the people in the DMS to continue making their contributions to this beginning.

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 Department of Defense.

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Assistant Commandant Visits DMS

BG James A. Johnson, Assistant Commandant, US Army Engineer School, visited several classes on 10 July to get a close look at real "hands-on" training. This was followed by the Director's orientation and a discussion of the support agreement.

As we know, DMS operates at Ft Belvoir like a college on a university campus. After seeing all of the women learning mapping skills at DMS, the AC was heard to say - "I'll be back!"



LCOL Sinclair Briefs MC&GSOC

LCOL John Sinclair, Commanding Officer, Canadian Forces Mapping and Charting Establishment, Ontario, Canada, presented a two hour briefing to the Mapping, Charting and Geodesy Senior Officer Course (MC&G SOC) on the Canadian mapping effort in North America.

Having worked for several sessions in the arctic and sub-arctic and having commanded a British Cartographic Squadron in the United Kingdom for two years, LCOL Sinclair briefly

discussed his wide and varied experiences in the surveying and mapping profession. On one of his sojourns in the United Kingdom, he carried out the large scale mapping of the Island of Sark, under the direction of the legendary ruler of that island, the Dame of Sark (whose death has occurred this week).

He then presented a comprehensive briefing on the organization of the Canadian mapping agencies, both military and civilian, and their inter-relationships as they apply to the total Canadian mapping effort. At the end of the briefing, he noted that mappers within his organization undergo a training program for a period of six years before they are considered out of the journeyman classification. These mappers are not only trained in one discipline alone, they become experts in all phases of the map making process: surveyors, cartographers, photogrammetrists, and reproduction technicians. How is this for cross training?

BG Wray Addresses MC&GOC

BG William R. Wray, Topographer of the Army, Director of Facilities Engineering, Office of the Chief of Engineers, addressed the graduating classes of the Mapping, Charting and Geodesy Officer Course (FUN MC&GOC) (National Guard and U.S. Army Reserve), on Friday, 19 July 1974.

General Wray discussed the ongoing efforts to reorganize topographic units to meet response times outlined in the GIANT 75/85 studies. He also lauded the success and continued importance of the DMS's training assistance, to active and reserve topographic units, by the employment of our Mobile Training Teams.

After General Wray's address, he awarded graduation certificates to the graduating classes. Next, MAJ Boyd E. Baxter, Chief, Mapping/Charting Branch, awarded humor gifts to a number of outstanding students. Not to be outdone, CPT Martin A. Mayer and MAJ John M. Morgan, graduates of the MC&GOC, awarded each instructor of MCB with an equally appropriate humor gift. These gifts ranged from a clip board with red and white tassels on it, to a "crooked stick" which was presented to MAJ Leon Thompson for his unwavering tenacity "of sticking to" scheduled instruction hours. There were 10 graduates in the MC&GOC and 3 graduates in the FUN MC&GOC. The graduates included members from the U.S. Army, U.S. Air Force, the Alabama National Guard, the National Army of the Republic of Vietnam, and the Khmer National Armed Forces.



It Really Was True

Ed was really missed--Mr. Edward Franke took a short leave and was due to return on Monday, 22 Jul 74. Since he was greatly missed in the office the people of the Office of Plans, Requirements and Technology designed a warm welcome for his return. Ed, however, disappointed everyone by not returning.



COL Kurtz and Marge Kelley cut Anniversary Cake

DMS Celebrates 2nd Anniversary

At 0730 hours, 1 July 1974, a memorable event took place in the Bagley Hall Auditorium. This event was the second-anniversary of the Defense Mapping School.

COL Kurtz, Director of DMS, opened the ceremonies by making congratulatory remarks and recalling some of the many outstanding achievements which were accomplished by the staff and faculty over the past year. The Director then presented nine civilian employees with Service Certificates ranging from 10 to 20 years of service. CW2 bars were next pinned on WO Andrew B. Yacenda.

The highlight of the presentations occurred when the outstanding people of the year were recognized: CW2 Andrew B. 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. These people were nominated for the award by a committee representing all Divisions of DMS and chaired by the Deputy Director, LtCol Victor A. Perry. Criteria for recommendation and selection for these awards were individual work habits, self improvement, and contributions to DMS during the year.



Outstanding Officer, Civilian, and Enlisted People of the Year

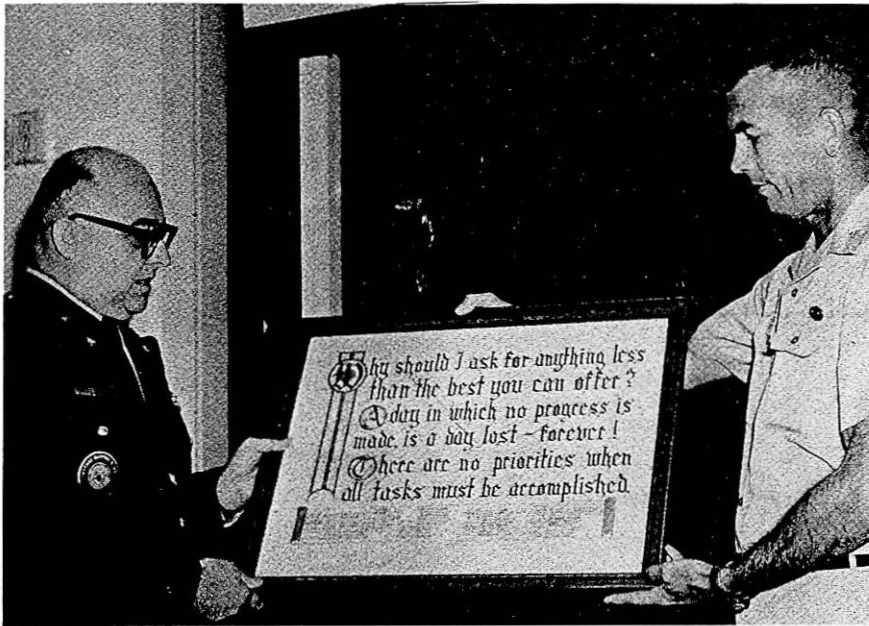


COL Kurtz presents CW2 Yacenda with his Promotion Bars



COL Kurtz presents Certificates of Years of Service to Messrs. Anderson, Bradley, Mann and Arcos.





LTC Marcy presents COL Kurtz with a Memento

At this point in the ceremony, the Director was surprised by a request to permit LTC Marcy be the master of ceremonies for the remainder of the presentations. Without the Director's knowledge, the staff and faculty of DMS pre-arranged a special memento expressing their appreciation for COL Kurtz's many hours of hard work and many individual accomplishments at DMS. LTC Edwin J. Marcy, as usual, did a fine job by loquaciously presenting to the Director a beautiful framed scroll with three famous sayings at DMS, signed by everyone at DMS. With a shaking hand, a lump in his throat, and I believe a tear in his eye, COL Kurtz accepted a second memento of a painted portrait of himself. Proof that he was emotionally affected by the unexpected presentations was evident when his secretary, Marge Kelley, steadied his hand while cutting a large purple frosted cake.

Although the ceremony was a short one, it was a memorable occasion which will remain vividly in the minds of the people at DMS for years to come. Perhaps in the future this annual ceremony will allow for festivities to be included as well.

1974 DMS Annual Picnic

The picnic committees are busily doing their particular parts: invitations are being written and mailed, old friends are being notified, money is being collected and meetings are being scheduled; all in preparation and expectation for another great DMS Picnic. The 3rd DMS Annual Picnic is scheduled to be held on the 24th of August at the U.S. Coast Guard Station, located near Alexandria, Virginia, on Telegraph Road.

In the past, the Survey Division has undertaken the responsibility for organizing the picnics with assistance provided by the other divisions within DMS. These picnics were a complete success with delicious food and good entertainment for both the young and old. This year, however, there is a difference. All of the divisions within the DMS want to do their share in organizing for this memorable and good time event.

The Finance Committee is headed by the Chiefs of Plans, Requirements & Technology (PRT) and Office of Budget & Management (OBM); the Publicity is being handled by Graphic Arts Division (GAD); the Food and Beverages will be supplied by Survey Division; and Carto Division will provide the entertainment for both the children and grownups alike. Of course, the Officer-NCO Softball Game will, as in past picnics, be the highlight of the day for many. One may want to take note - the record shows that the officers won at the first annual affair and the NCO team gained revenge last year. The Picnic will begin at 1200 hours and a well deserved good time will begin for the TOPO community once again.

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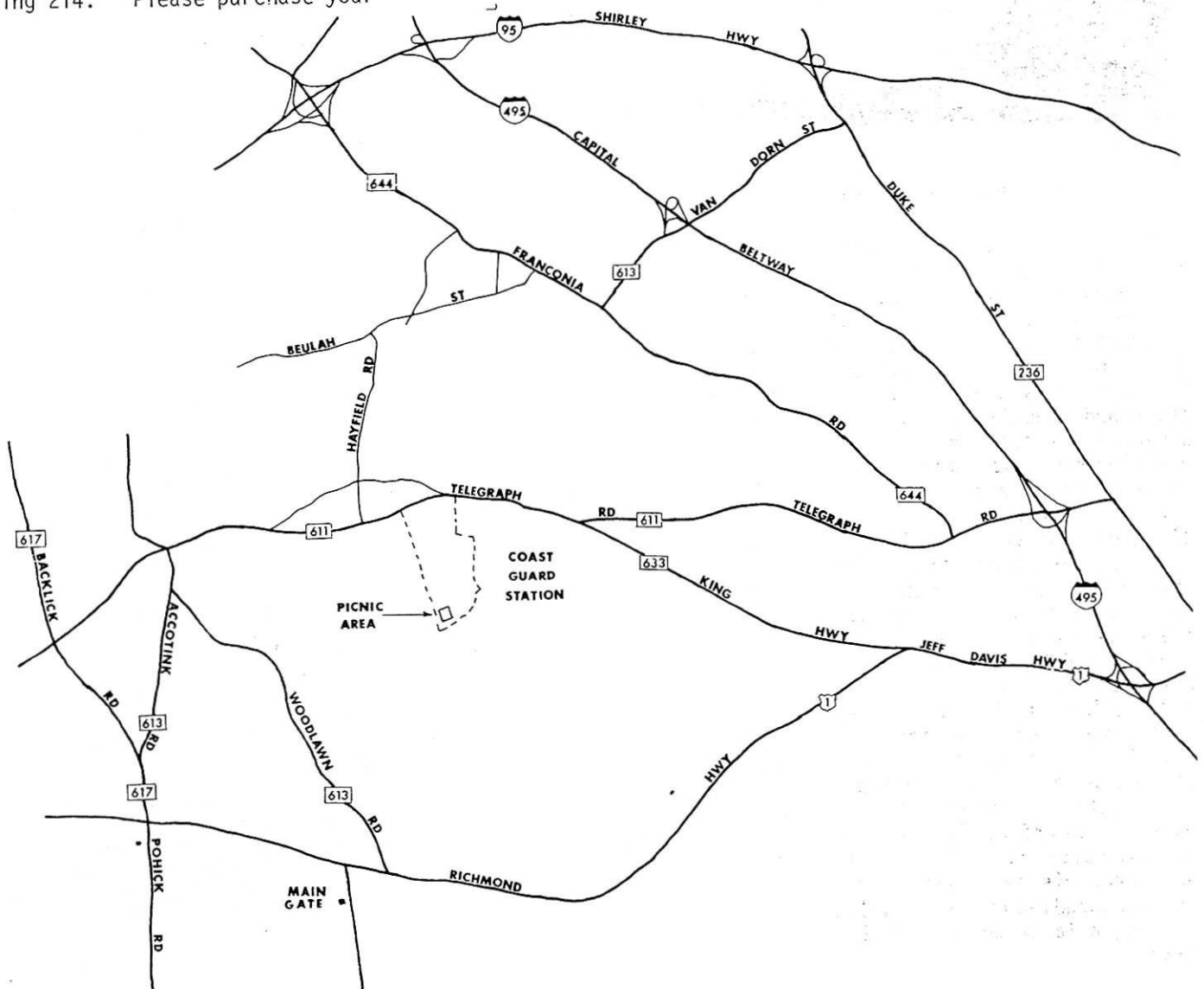


To make this picnic as successful as those in the past, everyone is encouraged to attend and to invite old friends of the TOPO family along. Some names are available of those who are retired and living in this area, but to insure that no one is forgotten, please notify the Publicity Committee Chairman, Graphic Arts Division (GAD) of those who you know and wish to see at the picnic.

The cost will be \$3.00 per adult and \$1.00 per child under 12 years of age. Tickets are now on sale in Room 111, Building 214. Please purchase your

tickets early through the Division NCOICs. A schedule of events and a menu will be published at a later date. Save the route map for yourself and friends.

There has been a leak that certain NCOs wish to donate to the fund and, if this happens, your cost will be lowered.



Fulfillment Of A Dream

The fulfillment of a dream through hard work and seizure of an opportunity enabled Mr. McCullough, Chief of the Graphic Arts Division, to complete the first leg of his college program. While in the Military service he began an educational program to work toward his Associate Degree in printing. In May of 1974 Mr. McCullough graduated with Honors from Montgomery College with a degree in printing technology. He began his studies as part of the college's off-campus program taught here at the Defense Mapping School. Last year he was granted a leave-of-absence to complete the two year program at the college's Rockville, MD campus. He was the first person enrolled in the off-campus program to receive his degree.

Open Letter

Mr. McCullough feels he owes much of his good fortune to several individuals of the Defense Mapping Agency. He would like to openly thank them for making it possible for him to see the fruition of a nagging desire. To COL Kurtz, whose managerial abilities and farsightedness enabled the Defense Mapping School to have the where-with-all available for his Staff and Faculty members to raise themselves up through a program of higher education. To Mr. Doug Wilcox who spent many hours of hard work to develop several viable training programs. He had to cut through red tape and apathy to fulfill his boss's requirement - set-up meaningful training pro-

grams for our people. To the members in the Training Division at DMATC. Without all these people and their efforts our prospering educational programs, at DMS, would have dried on the vine. Thanks to all.



Leave! What Leave?

Mac (SFC Leroy McHale), Operations Sergeant, Office of Programs, Productions and Operations) had two long weeks of nothing but fishing, camping and arm bending in the hills of Pennsylvania and by the shores of Lake Lunga at Quantico. At the time of this photo Mac had been on duty for a total of 20 minutes and was trying to get MAJ Herring to let him go again. Mac is most assured that nothing was accomplished during his absence; therefore, he does not intend to start anything now.

Definition of MC&G

"Mapping, charting, and geodesy (MC&G) comprises the collection, transformation, generation, dissemination and storing of geodetic, geomagnetic, gravimetric, aeronautical, topographic, hydrographic, cultural and toponymic data. They may be used for military planning, training, and operations including aeronautical, nautical and land navigation, as well as for weapons orientation and target positioning. These data may be presented in the form of topographic, planimetric, relief or thematic maps and graphics; nautical and aeronautical charts and publications; and in simulated, photographic, digital or computerized formats.

"MC&G does not include the evaluation of topographic, hydrographic, or aeronautical features for their effect on military operations or intelligence."

ATTENTION

The DMS-DMA Softball Game has been postponed until a later date.





The 24-Hr a Day Serviceman

by SP4 Jackson

Twenty-four hours of service each day isn't too bad, that is if it is divided up between two or more people, but to Specialist Four Marvin Odle of the Construction Survey Branch, Survey Division, DMS, twenty-four hours of service is a one man job. He not only serves his country twenty-four hours a day in the Army, he is also on call twenty-four hours a day, when not on duty at the DMS, to serve his community and his fellow neighbors as a volunteer fireman at the Lake Jackson Volunteer Fire Department (L.J.V.F.D.) near Manassas, Virginia.

In today's New Action Army every soldier works eight to nine hours a day at his regular duties and is given time off until the next duty day. SP4 Odle is no exception, but instead of relaxing during his off duty time, he has devoted himself to the helping of others.

Specialist Odle entered the Army on the 27th of October 1971. He was later assigned to the Construction Survey Branch as an Instructor at the DMS. In November of 1973 he was accepted as a volunteer fireman by the L.J.V.F.D. From this period onward he has used his leave time to attend several special schools on fire fighting techniques. He attended a one week Fireman Training Course which covered the basics of



fire fighting and the chemistry of fires. Next he attended the Fire Chemistry School by attending classes every other weekend at South Boston, Virginia, which is located near the North Carolina/Virginia line in the vicinity of Danville, Virginia. The L.J.V.F.D. considers him to be one of the outstanding fire and rescue men within the Department and has encouraged him to continue his training. Within the near future Specialist Odle will attend a 6 month Squad Training School which meets 4 hours per week to train special squads of men in the combating of unusual and difficult fires and rescues.

Specialist Odle doesn't receive a salary or any monetary recognition for what he is doing. He doesn't expect it either. He said, his only reward "is to see people walk away from a fire or an accident." He is subject to be called at any hour of the night but this doesn't affect him either. Specialist Odle willingly teaches both as fireman and as an Instructor at the DMS and performs all of his duties as expected. When asked what his plans are for the future, he replied, "Besides being a good husband and father, I plan to serve both my country and fellow man the best way I can."

The Marines say "We want a few good men." The Army has one of the best and Specialist Marvin Odle is a fine example.



"Did You Know...?"

by Judy Ethridge

...that Defense Mapping School is finally getting the long-awaited Technical Library. This facility, still in its embryonic stage, has been needed for quite sometime by the staff, faculty and students of DMS. Hopefully, as it unfolds, it will prove to be of such value that everyone will begin to wonder: why was it so long in the making? From the original "books in a box under the coffee pot table" status, to its present partitioned area in the Office of Plans, Requirements and Technology (PRT), the little Library has grown into a promising shell of information. Much work still remains to be done in the area of cataloging, obtaining a basic stock of technical sources and setting up the room itself. However, with time, work and a lot of patience, the Defense Mapping School has the prospect of housing within its hallowed walls, a first-rate technical library.

Why not wander down to PRT and see what the Library has to offer, or plans to stock in the future? Contributions are being made daily; have you made one lately?

Our recent acquisitions include the beginning of an excellent microfiche collection and several pertinent magazine subscriptions.

If given the opportunity to select one item to be included in the Library, what would your choice be? Think that over - after all, it's your Library you know!



LTC Marcy and SSG Braswell compare their bowling balls while "negotiating" terms of the NCO/Officer match.

Bowling Challenge

Printed below are parts of a letter which was found being circulated at the DMS. It was addressed to all officers and GS-9 or above, written by LTC Marcy.

NCO Challenge to DMS Officers: Bowling.

SSG Braswell (or is it spelled Brashwell?) has, with the backing of selected NCOs in the Press Section and one from the Survey Division, thrown the gauntlet (in the form of a smelly bowling glove) in the face of our collective ranks.

Sure of the burning desire of all addressees to defend our honor, I have assumed to accept his challenge in your name.

Lacking seconds, we ourselves arranged the following terms.

The three game, scratch match will be at the Ft Belvoir Alley sometime between 9 and 30 Sep 74. The NCOs are responsible for arranging the date. Once announced, CPT Harkins is charged with the responsibility of seeing that the entire NCO team is dispatched on MTT's on said date.

The losers will pay all expenses including lane fees, purchases and engraving of the trophy (unless non-appropriated fund representatives can get it for us); and all beer consumed during the match by bowlers and DMS observers. (Everyone's invited ----- support your local teams ----- particularly when free beer is available.)

As you can see, we've already been successful in getting the NCOs to do most of the work. This is merely a harbinger of things to come. Please inform me of your desire to try out for our team which also will be the team we'll field in the Monday Night Castle League. Phone (41983) or write me no later than 26 July indicating your actual league average in the last league you bowled and date of that league. If you've not bowled in a league in the last two years, provide your best estimate of your anticipated average after two weeks of practice. Ve vell practice — ACTUNG!!!

SSG Braswell's comments were, and I quote, "the name doesn't mean anything but in this particular case, I prefer Brag-well - when you are hot you're hot and we are, - if we lose to those guys, we deserve to buy." end of quote.

Braswell appeared to be confident, but at the time of this interview, he was on his way to the Bowling lanes for Team Practice.

Tennis Anyone?

The DMS tennis ladder is alive, well and living in Wheeler Hall. Any member of DMS, civilian and military (officer and enlisted), who enjoys playing tennis is invited to join the ladder. The rules are simple: merely tell MSG Neeley, NCOIC, Topographic

Sciences Division, 664-6811, of your intention to participate. Sergeant Neeley will then place your name on the ladder which is prominently displayed in the hallway at the east end of Wheeler Hall. You may challenge any player who is three positions or less above you. A mutually agreeable time is decided upon and you may enjoy an afternoon or evening of tennis. The victor is whomever wins 2 out of 3 sets. If the challenger wins, he trades positions on the ladder with the loser. If the challenger loses...well, he can always try again. But, as a minimum, you should have: gotten some exercise; became better acquainted with your fellow employee at DMS; enjoyed some tennis; improved your sun tan and had fun which is the ultimate purpose of organizing the ladder in the first place.

As you improve you will enjoy seeing your name rise up the ladder. The first five names on the ladder are presently Boyer, Anderson, Thompson, Jensen and Marcy. Just between you and I, they really aren't very good. Why don't you take advantage of this opportunity and knock them off?



**DMS (TOPO)
PICNIC
24 AUG 74**



COLLECTION POINT:

**DIV - NCOIC
STAFF - NCOIC, PRT**

COST:

**\$3.00 PER ADULT
\$1.00 PER CHILD (6 TO 12 YEARS OF AGE)**

RAIN DATE:

25 AUG 74

PLACE:

**US COAST GUARD PICNIC GROUND
TELEGRAPH ROAD**



Thru The Transit

On 31 July we began our transition into the final phase of the conversion of the old D/TOPO into a true Defense School. With the return of Don Light, our Technical Director, from the Navy War College, we can begin to operate in the manner intended. As my alter ego, Don Light will be responsible for direction of the curriculum and resource changes needed to guide us over the next five years. This will involve a greater reliance on the teaching divisions than ever before because they must determine how we will achieve our objectives. In the front office we intend to apply the principles of "management by objectives."

Fortunately the teaching divisions now have the horsepower, not only to carry the load, but to accelerate and change directions as we will need to do to be responsive to the training needs of the Services. I give great credit to our former military deputy and Chief of Staff, LtCol "Vic" Perry who developed the teamwork we need. I also think we all owe a lot to LtCol "Ken" McIlvain, our former chief of Budget and Management, who was the one directly responsible for managing our civilianization program which has enabled us to obtain increased horsepower and flexibility. We will miss them since their retirement on 31 July, but they both assure me that their replacements are eminently qualified!

From our collective efforts to date I can now report that we have made substantial gains over FY 73 in our measures of productivity. Through the dedicated efforts of our instructors we have gained 6.3% in student man years (SMY) and 45.4% in instructor man years (IMY) applied to Course Development and Technical Assistance! We have improved our SMY/IMY ratio from 4.13 to 4.60 or 11.4%! All of this was done while absorbing an 8 man military cut which was 4% of our strength!

When it comes time to compute our E/P, using these numbers and our costs, you can expect to see some remarkable overall results. If you consider the fact that each instructor man year we have been using in technical writing could produce 4.6 student man years (if the students suddenly arrived), you will see the tremendous reserve capability we have developed. We no longer need a mobilization augmentation because we can now switch almost instantly from the pen to the platform. I also suggest that we are now much more effective than we were a year ago. I am proud to be a part of your splendid efforts.

Picnic. I am pleased to report some really great news - kids are free and the charge per adult has been substantially reduced! ALL THANKS to pledges from people who recently received promotions -

they would rather picnic together than celebrate separately. How's that for teamwork! WOW!

Softball. The HQ DMA Raccoons are lucky that rain prevented them from losing to DMS on the 26th of July. Mr. Mac assures me that they will have this opportunity on 14 August. Everybody come to cheer our winners!

The Social Hour

Mr. Don Light, DMS Technical Director, was honored by Colonel and Mrs. Kurtz at a cocktail/buffet party in their home on the evening of 30 July 1974. Though Mr. Light just arrived, he has been assigned to DMS for several months.

The Kurtz's should be proud of the tremendous success of this party in that everyone enjoyed themselves immensely, including the two charming young ladies, Roxanne and Helene, who served guests throughout the evening.

The requirement of name tags, although a necessity, did cause a little confusion, as the additional instructions were - "be who you like" and some did.

It may not be possible, but for future occasions, if we work hard and long and together we may be able to invite the Kurtz's to another party as nice as theirs.

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(Continued from Page 1)
solely dedicated to scientific MC&G support to NASA and made notable contributions to the Lunar Orbiter, Surveyor and Apollo Mapping Program and the Mariner Mars Projects.

In 1972, Don was a U. S. representative at the U. S. - U.S.S.R. Lunar Cartography meeting held at NASA Headquarters in Washington, D. C.

He is a member of the American Society of Photogrammetry and the American Congress on Surveying and Mapping and has published papers and served as Program Chairman for the Conventions in 1964 and 1971. In 1966, he was awarded the Talbert Abrams Award for Authorship.

His formal education includes a BS in Geodetic and Cartographic Science from the George Washington University, and a master's level degree "Strategy, Management and Tactics" from the U. S. Naval War College. In addition, he has attended short courses at the University of Illinois, UCLA, and D. Brown Associates in photogrammetric geodesy and astrodynamics. He has been an invited lecturer and panelist at major universities in the U. S. and Canada.

Don is very grateful to the fine career development programs of the DMA and especially to COL Whelan, Director of the Topo Center, and General Penney, DMA Director, whose outstanding leadership in developing these dynamic career programs made his year at the Naval War College possible.

He is looking forward to working with COL Kurtz and the staff and faculty of DMS as they face today's challenge of providing the Armed Forces with trained MC&G people to maintain a strong military MC&G readiness posture during a time of scarce resources.

Mr. Light noted that COL

Kurtz is very professional and career development oriented and that DMS people should aspire to take advantage of these outstanding opportunities. These educational programs provide the basis for upgrading the professional level of the DMS.

Beat The Prices

For one afternoon, we can all get our money's worth and beat inflationary prices by attending the DMS annual picnic at the Coast Guard Station at Telegraph Road on Saturday, 24 August 1974, from noon til dusk.

That's right, the rumor was true! The prices have been lowered from \$3.00 per adult and \$1.00 per child under 12 to \$2.50 per adult and children 12 and under FREE.

This was made possible by the careful planning of the Picnic Committee and the generosity of four people in the DMS. MSG's Brown, Dunn and soon to be MSG Crews, all from the Survey Division, and one anonymous donor from somewhere in the DMS. These people have donated sufficient funds to the Picnic Committee so that all DMS people and their friends might have an enjoyable afternoon at a low individual cost - especially those with large families.

Wanting to insure the success of the picnic without placing a high cost on the participants, this donation was the answer to the Committee's biggest problem. All of the DMS appreciates the generosity of these four people.

All of the invitations, to a few guests and to many old friends of the Topo community, have been mailed; we hope that very few of them decline and we look forward to seeing them all again at this annual

affair. If you know of anyone we may have overlooked, please check with the Publicity Chairman (Mr. McCullough, 45635). If necessary, we can make invitations by phone.

Everyone plan to come and have a good time.

FLASH! Picnic committee chairman, MAJ McIntosh has just announced that due to the generosity of some more newly promoted or soon to be promoted DMS personnel, the picnic "kitty" is \$270 fatter. The generous ones are CW2 Yacenda, MSG Brown, MSG Dunn, SFC Crews, SFC Anderson, SFC Yovorsky, TSGT Mattern, SSG Smith, SSG O'Leary, and a donor who wishes to be anonymous. Attendance fees have already been reduced. The committee says that dependent on the final outcome, a small prorata refund may be made. Everyone expresses their thanks to these ten stalwarts for their generous contribution.

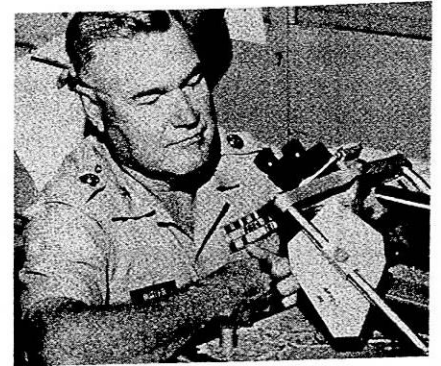


Distinguished Instructor

SFC Crews has been selected as the DMS Instructor of the Month for the month of June, which alone is quite a honor, but for Sergeant Crews, this is a very distinctive honor. He was also selected as the Instructor of the Month for DMS during April of this year. SFC Crews is assigned as the Sr Instr of the Construction Survey Branch, Survey Division.



Graduates of the first MC&GSOC are from left to right (front) Maj E. Fidalgo (USAF), CMDR R. Eaton (USN), Maj M. Carlson (USAF), (back row) MAJ J. McClatchey (USA), MAJ B. Baxter (USA), MAJ L. Thompson (USA) and CPT J. Mullans (USA).



Reserve Commander Returns To DMS

BG Ogbourne G. Butler, Commander of the 420th Engineer Brigade from Bryan, Texas, visited the DMS for the second time in two years on Friday, 26 July 1974. After a short briefing from COL Kurtz the General toured all of the academic divisions, being escorted by the appropriate division chief. The General was primarily interested in the new equipment and methods of instruction being used at the DMS and talked to several students and instructors on these matters. The DMS always welcomes visitors like General Butler since through these visits the field commanders become aware of the training capabilities of the School.

First SOC Graduates!!

by Sam Thompson

The first Mapping, Charting and Geodesy Senior Officer Course (MC&GSOC) graduated on 7 August 1974, with graduates representing DMATC, DMAAC, DMS and the 30th Engr Bn (Topo).

The purpose of the course is to provide officers of all Services currently occupying or designated to occupy senior level staff positions with an educational program applicable to MC&G command and joint staff activities at higher echelons within DoD. The instruction places emphasis on the planning, programming and budgeting system as it relates to DMA, new developments and the management of MC&G programs.

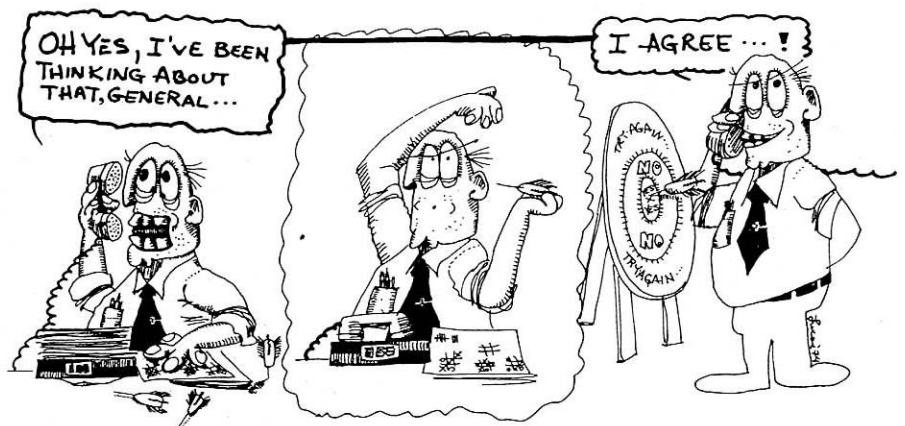
Since the course criterion are informality, excellence and timeliness, classes were conducted in the Conference Room, Bagley Hall, by selected experts from many fields. Twenty-six presentations were made by guest speakers or by guest speaker teams from each of the DMA components, the four Services, special MC&G units and the Canadian Armed Forces. Selected DMS instructors presented technical instruction on such subjects as analytical photogrammetry,

Analytical Photogrammetric Positioning System (APPS) and MC&G products. Tours were also conducted for the students through the facilities of DMS, DMATC and the Engineer Topographic Laboratories.

The graduates suggested a few minor adjustments in the curriculum which will be implemented for the next MC&GSOC commencing on 8 October 1974. All students were grateful for the opportunity to attend this unique course.

ATTENTION

DMS-DMA Softball Game will be played on 14 August.



Novel Use Of Least Squares

by Sam Thompson

CPT Robert Kish, a graduate of MC&GOC, recently outlined in a letter to Major Thompson this rather unique application of the least square data reduction technique which was taught as part of the Theory of Error block.

While assigned to the Engineer District Far East in Seoul, Korea, CPT Kish encountered this problem:

It seems that over a year ago a contractor did some excavation and fill work for a helipad and taxiway project. Inaccurate surveys were done from topo sheets and cross sections to determine the amount of work done by the contractor. To complicate the matter, another contractor disturbed the original surface configuration. The project engineer tried unsuccessfully to obtain a completely reliable figure for the work done and eventually paid the contractor for 115% of the government estimate. This year an auditor caught the blunder and blew the whistle. He stated that the quantity could not be negotiated and the 115% estimate in no way represented any of the measured quantities. He requested that the actual amount "in place" be determined and the contractor's payment be adjusted accordingly.

The solution to the problem was assigned as special project to CPT Kish. Being a star pupil in MC&GOC he realized there were two solutions: dig everything up and count the number of dirt clods or use the LEAST SQUARES METHOD OF DATA REDUCTION.

The following data were available: (five estimates of the quantity by four indepen-

dent sources) (1) the contractor's cross sections, (2) the engineering section cross sections, (3) the government's estimate of the quantity, (4) the measurements from topo sheets and field notes and (5) the number of dump truck deliveries. Each of these variables was assigned a relative reliability factor (weight), allowing for the computation of the weighted mean with its corresponding standard error using the technique of least squares.

CPT Kish closed with the comment that he was presenting his computations to his boss with the hope that either he has been to Ohio State or else has a good sense of humor

Air Conditioning

by Paul W. King

A rumor has been floating around Fort Belvoir that Wheeler Hall is to be air conditioned. For those old-timers who have been around for the past 15 to 20 years this rumor is nothing new! They have heard the same story at least once a year, since 1954. 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.

Wheeler Hall was originally designed as a public school building complete with air conditioning. Ducts for the air conditioning system were installed. The building was occupied in 1952, prior to the installation of air conditioning units in the boiler room area. Several months later, the building was evacuated when large cracks appeared in the outer wall intersections, indicating the walls were tilting outward. To correct construction faults it was

necessary to tie the walls together with steel beams. To assist in anchoring the original building parts to these steel beams the air conditioning ducts were filled with concrete to the beams. Upon completion, the building was again occupied. With no air conditioning system, interior offices were grossly under ventilated and the entire building heating, ventilating and cooling systems were thrown out of balance, to the great discomfort of the occupants.

Many projects were submitted to air condition this building during the past 14 years, but all remained unfunded and not approved for submission until the Defense Mapping Agency submitted the project to the Defense Department for inclusion in the FY 1975 military construction request to the Congress. This request was approved and so for the first time, the project is before Congress for approval and funding. Hopefully (and holding my rabbits foot firmly) the Congress will authorize and fund this urgently needed project this year.

As frosting on the cake, the project has been modified to replace the present heating system with the new project system which will heat the building in winter and cool it in summer; this is the opposite of what has been happening for the past 15 to 20 years.

Keep your fingers crossed and keep hoping!

DID YOU KNOW THAT ON - - -

9 Aug An American ran away with four Olympic gold medals (Berlin 1936).

10 Aug Chicago incorporated as village (1833).



Uncle Sam Drafts Again

by SP4 Bob Jackson

As everyone knows, we now have an All Volunteer Army and no one worries much about the draft anymore; however, SOMETHING WILL! Once again Uncle Sam has drafted a Black Widow Spider into the Service!

For many years the Optical Survey Instrument Repair Branch (OSIR), Survey Division, has used the web of the Black Widow for their surveying instruments. The Black Widow's web has been found to be the best material for use as crosshairs in surveying instruments. The web is easy to work with, very strong and has just the right thickness. The Branch also uses the spiders for demonstrations on special tours of the DMS. However, for the past six or seven months, the OSIR has been without a resident crosshair weaver. Then on July 29, 1974, SFC Marlin Yelton played the role of Uncle Sam and drafted a Black Widow into the Branch.

The Branch had put out the word that a Black Widow was needed. Sergeant Yelton heard the call and then led the hunt. Not only did he search for the spider himself, he also asked his relatives in Texas to help in the search. Sure enough, they came through. They found a Black Widow in their water meter along with two egg sacks and a scorpion who was sharing the home with

the spider. They captured the Black Widow, placed it into a box, punched air holes in it and prepared the reluctant spider for the long journey from Sequin, Texas, to Fort Belvoir.



""Two Fleas Greet""

by SP4 Bob Jackson

If you have never seen two fleas greet, you are seeing it now. MSG Locke and SFC Crews, both in the Survey Division, happen to be fleas. Calling them fleas is not a cut against them because they happen to be members of the Flea Organization.

You're probably wondering what a Flea is and a little about the organization. I wondered the same thing and decided to talk to the North American Imperial Grand Dragon Flea himself, MSG Locke.

When I asked him about the organization, MSG Locke simply said, "It's wonderful!" From the interview, I discovered that information concerning this organization was confidential to everyone except the members. The organization's origin and how it started is unknown but it seems to have been around for many years.

MSG Locke was made the North American Imperial Grand Dragon when he went TDY in 1973 to the 649th Engineer Battalion in Germany. He was approached by two Fleas and asked if he would like to be a member. He said he would and was then

asked the initiation questions which he passed. He was asked to represent the Fleas in America and to be the North American Imperial Grand Dragon. When he returned to America, he approached SFC Crews, asked the initiation questions and made him the North American Grand Wizard. Together they set out to initiate other people.

To be a Flea, you must be recommended, approved and then approached by two Fleas and asked the initiation questions. If you pass, you're in. If you fail, you can come back when you feel you are ready.

There are no dues, no fees to pay, and no meetings; just friendly gatherings. The purpose of the club is to exchange ideas. What ideas are exchanged is unknown. The club is now limited to men only, but as soon as the North American Imperial Grand Dragon and the North American Grand Wizard can come up with some initiation questions, there will be a woman's Flea Club.

The main goal is to make everyone in the world Fleas. They do have a Flea sign to tell if one is a Flea or not; but you must be a Flea to know what the sign is.

One other thing that was mentioned is that if you become a Flea and decide to quit, you could get \$30.00 or more. I was informed by MSG Locke that no one has ever quit or even considered quitting.

There are about 50 Fleas at Fort Belvoir and approximately 20 at the DMS. There are thousands all over the world. The head International Flea is retired CW4 Mark Thomas, known as the International Grand Dragon. Next is CW3 Parker, known as the International Grand Wizard. MSG Locke is, of course, the North American Imperial Grand Dragon and SFC Crews, the North American Grand Wizard.



'Did You Know...?'

by Judy Ethridge
 . . . that the materials of platemaking consist of the metals used for lithographic plates, the mixtures of substances used for coating them, and the chemicals used for processing them? If not, then you should have visited the DMS Technical Library this week and read a few of the books available on lithography. Our collection is still suffering from growing pains, but all pains have a cure. Though our "healing" process will be slow, our hopes are high. Progress is being made in finding a suitable location for the new Library, equipping it, and getting it ready for YOUR use.

Any suggestions, advice, or criticisms (well, maybe) are welcome! Equally as welcome are collections of books, and other paraphernalia. YOUR chance to have a Library like YOU want it, could be realized by YOUR making your desires known now.

Remember "No man can read with profit that which he cannot learn to read with pleasure."

DMS Boomers Vs DMA Raccoons

ATTENTION - ATTENTION, the DMS softball team, known as the "Boomers," are offering to all people of DMS and their families some free and tremendous family entertainment on August 14th, this Wednesday at 7 PM during our softball game. Come to the softball field, by Specker Field House as the Boomers take on their arch rivals from DMA Headquarters. There will be free cold

drinks, while they last, for our supporters.

We of the Boomer squad feel last year's game was a gift to the Raccoons. When the Boomers sort of slipped into a circus act on the field, those rascal Raccoons took unfair advantage of us. Our chant became "Wait till next year" and now our waiting is over. We have gone to untold expense importing top notch star players from all over the world. Like — Killer Cain, Hot Bat Walzberg, Stopper Rottman, Hands Jensen, Flash McMillan, the Say Hey Kid (pronounced Hi), Swinger Ed, Wiz Thompson, King Keller, Stretch Szempruch, Noisey Arase, Slinger Hefele, and Lobber Locke. The Boomers are ready, a fact that has already reached DMA Headquarters and has the Raccoons on edge. This is evident as our originally scheduled encounter for the 26th of July became lost in the bureaucracy of verbal communication at DMA.

Tennis Trivia

Executive Order 42 was invoked and Boyer was finally removed from the top of the ladder. This order states that anyone who is absent from DMS for over two weeks has his name removed from the ladder. Upon returning, the individual may gain his original position merely by defeating the man currently occupying his former slot.

Thompson currently is on top of the ladder after defeating Anderson in a 2 hr. 40 min. marathon match. The six point tie breaking rule was used after the second set went 10-10 and the waiting tennis players began to mumble menacingly.

The top five is rounded out by Anderson, Jensen, Springer and Marcy.

Last week's advertising campaign netted one additional player — MSgt Gano. Welcome to the ladder! Remember — anyone interested in playing tennis and desiring to participate in the DMS ladder should notify MSG Neeley (46811).

Challenge Retort

by SSG Braswell

After reading the eloquent passage in the last issue of The Contour, our team had a delightful chuckle. We have persevered many difficulties and have withstood all to date; therefore, we must answer the challenge of the Officers in DMS.

We had a grudge match with the Executive Flight within the Intermural League on the 3rd of August. We decided to prove that we had the best team on Post. To prove our boast we have printed the scores for the DMS Officer Team to study and remember.

Dave Cook led our sweep of the Executive Flight NCOs with a big 223-564 for the set. He is also our high average bowler with a 181. Next Frito Cruz came through with a 219 and a 552 set to help our team win over our adversaries. Duke Braswell was next with a 212 and a nice 549. Cookie Cain rolled along with a 519 and Don Roberts came in with a 501. This isn't bad with a team average of 172 over the year. Even with MTT's and regular duties, we are in second place within the league.

Dave Cook, after the match with Executive Flight, pondered over the paper and grinned. HA! "They may think that they can take us, but I doubt if the Officers can withstand our pressure tactics on (Continued on Page 8)

(Continued from Page 7)

the alleys. Here we bowled the best, they had five bowlers and we had four, and they were put down quickly, with the ease of a steam roller over a blade of grass."

Don Roberts stated, after the speech made by Dave, that he and LTC Marcy had had many good matches together and he was looking forward to a return match with him and his team. There would be only one problem with the match and that was it would be a little one sided since the free refreshments and bowling charges would have to be paid for by the Officers. This, of course, would be playing on their minds and our team might be taking too much of an advantage over them.

Frito Cruz thought the Con-tour article was good too, but Lacked the one necessary ingredient (HELP!). Even the spectators will undoubtedly come to the aid of the Officer Team because of the whomping they are going to receive from the NCO Team. Frito said he would allow the Officers to bring their towels to wipe their eyes with since we're such good sports.

Cookie Cain (our Don Rickles) has the last word for our match and the subsequent drinks that will be provided. He stated that on or about 1630 hours, 30 September 1974 (after the game), the Officers will be saying, "We will have to overcome." Even though we're good sports we will give no favors nor allow any in return.

Sports fans, we have brought you our retort concerning the upcoming match with the Officers of the DMS. We will be bowling on the 30th of September on lanes 13-14 at approximately 1300 hours. Those of you who would like to witness this devastation of the Offi-

cer Team are welcome to attend and help cheer the losers. We hope that you all enjoy the match and, hopefully, many more to come. Maybe they will get lucky with the years and win . . . sometime. Good luck COL Marcy and good bowling (for a change!).

DMS Mixed Bowling

The DMS Mixed Bowling League is now being formed to bowl on Tuesday evenings (late shift), during the winter season commencing in September. To those bowling in the Tuesday early shift men's league, you should be all warmed up for the mixed league competition! Tuesday is the only evening of the week when the management is available and, further, there are only six lanes which we were able to reserve. Fliers are now being circulated; if you want to bowl, get your name in early as participation will be on a first-come-first served basis.

Teams will consist of two female and two male bowlers, active or retired military and their dependents only. For the civilians who may have a desire to bowl with us . . . sorry. A Post Directive currently restricts membership to military only. This directive is a result of an abuse of this privilege some years ago by another organization.

Based on last year's league, we can feel confident in guaranteeing a good time in a relaxed atmosphere with a competitive spirit. The first general membership meeting for the purpose of electing league officials and establishing a constitution will be announced at a later date.

Congratulations

Congratulations are extended to two people assigned to the

Survey Division:

MRS. Kathleen M. Kelly (formerly Miss Harnden) was married at high noon on 20 July 1974, to Mr. Patrick W. Kelly of Alexandria, Virginia, at the St Martin's Chapel, here on post. The happy couple had a one week honeymoon but both are back at work in the salt mines again. Everyone knows that it takes two people working or one working two jobs in order to eat properly. The Survey Division is very happy that Mrs. Kelly decided to return to work instead of having Mr. Kelly work at two jobs.

SSG and Mrs. Charles G. Clark, Chuck and Ruth, are also congratulated on the arrival of a brand new baby girl. Miss Robin Renee Clark came into this world on 22 July 1974, all bright-eyed and bushy tailed. She is just beautiful. Her Mommie said that Robin's older brother tries to love her too much. The Clark's are happy and content with the new addition to the family which also includes Robin's older brother and two dogs.

Congratulations are also extended to Ms. Daisy Cooper, Graphic Arts Division, and to Ms. Beverly Eppolito, Cartography Division, on their recent promotions to Editorial Assistants.

Thank You

On behalf of my family I wish to express my appreciation for the sympathy and kindness expressed to me upon the death of my mother, Emma Thompson. Your generous contribution was used to purchase candlesticks which were given in my mother's name to the small country chapel that she attended for over 50 years.

Sam Thompson



Thru The Transit

(Editor's Note: COL Kurtz has been on a well earned vacation, basking in the Florida sun. The following E/P article appearing in "Thru The Transit" was submitted by Major John C. Herring, Chief, PPO.)

In the last issue of The Contour COL Kurtz discussed E/P and how we had increased our SMY/IMY Ratio by 11.4% during FY 74. What does this mean to you and me? In an attempt to explain all of the ramifications of E/P, let me explain just what the DMS E/P formula looks like.

$$E/P = \frac{\Sigma \text{Equiv SMY}}{\Sigma \text{Costs}}$$

where

$$\Sigma \text{Equiv SMY} = \Sigma \text{SMY} + \Sigma \text{NQMY} \frac{\text{SMY}}{\text{IMY}}$$

and

$$\Sigma \text{Costs} = \text{Civilian Pay} + \text{Military Pay} + \text{Other O\&M}$$

Let's look at just what comprises ΣSMY . This is all of the Student Man Years (SMY) produced by DMS instructors. What does this mean to you the instructor? Look on your DMS Form 13, any student man hours generated by your effort and recorded in column B to J are summed for the Fiscal Year.

But we have other output measures which are not reflected in SMY and these are produced by our efforts in the areas of MC&G Course Development and Technical Services. Columns K thru T on DMS Form 13 are a record of your efforts in this area. These man years are called Non Quantifiable (NQ) in that the MY's could be utilized for instruction if they were not engaged

in this productive area. The way we convert these NQ man years into equivalent student man years is to multiply the NQ man years by the ratio of SMY divided by IMY. Since in 1974 we produced more SMY with fewer IMY, then our equivalent SMY will also increase, thus giving DMA a gain in productivity (E/P) by either increasing our SMY's and holding costs constant or reducing our costs while holding Equivalent SMY's constant.

TABLE 1

	FY 73	FY 74	% INCR
SMY =	260.9	277.4	6.3
NQMY =	29.3	42.6	45.4
$\frac{\text{SMY}}{\text{IMY}} =$	4.1	4.6	11.4
EQUIV			
SMY =	381.8	473.4	24.0
COST =	3,035.5	3,356.9	10.6
(K)	FY 73 \$		
$\frac{\text{EQ SMY}}{\$} =$	1	1	
	7,949.5	7,091.6	

$$E/P \text{ INDEX} = 1 \quad 1.121 \quad +12.1\%$$

By inspection we see that if we teach more effectively by utilizing more effective teaching methods or by reducing our supply costs that we have effectively reduced the cost of producing one equivalent SMY.

A comparison of the costs between FY 73 and FY 74 is given in Table 1. We see that everyone in DMS really worked hard to produce the 12.1% gain in E/P.

The achievement of an E/P gain of the same magnitude between FY 74 and FY 75 will require a sacrifice on everyone's

part to insure that we provide superior MC&G instruction for the least cost per SMY produced. As we become better managers, we will be producing better educated and trained people, with a greater degree of proficiency in instruction, which is consistent with our goals to produce the best trained people in the DoD. Keep up the good work. Let's set our goals high for 75 and see if we cannot exceed the 73 to 74 gain.

Letter To The Editor

Congratulations are in order for the editor, his staff and the reporters that contributed articles to your most recent edition (Vol. 1, No. 2). The Contour has certainly lived up to its name by rounding out the events that have taken place, and, also by outlining the shape of things to come. The news briefs were both informative and entertaining — a pleasing balance to say the least.

Hats off to those who contributed articles. They will certainly serve as a difficult act to follow. A challenge none the less to others to come forth with other newsworthy items.

Signed: Inspired

ATTENTION

Don't forget! The DMS Picnic is this Saturday, the 24th of August.

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 Department of Defense.

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Sky Diver

Ensign Deidre Ann (Dee) Goulding speaks of her first year at Fort Belvoir with the kind of enthusiasm born of one who talks excitedly of digging 5 foot holes all over a 50 square mile area of stone-ridden Connecticut in order to gain an advanced degree in geology: "Fort Belvoir has been a real jumping off point ... all the things I've ever wanted to do were suddenly right here for the doing: Jumping, sailing, horseback riding, shooting, hiking ... It's hard to decide what to do next!"

When asked how she spends her off duty time, Dee Goulding, Navy Representative and DMS instructor, is likely to look skywards, seawards, or westwards to the hills, as she answers, "I concentrate on living each day to the "Max" and enjoying life no matter what I'm doing!" This is quite an ambitious goal for everyday living, but then not too many of our Ensign's days fall into the "ho-hum-everyday" category!

In fact, if the sky is clear and the winds are calm, Dee is probably somersaulting out of a helicopter at 10,000 feet over the drop zone with the Quantico Skydivers. Of 120 jumps, her highest jump has been from over 12,000 feet

with a 60 second free-fall. Whether maneuvering in free-fall at over a 150 mph to form star patterns with other jumpers or winging her high performance yellow and blue parachute towards the target, the Sport Parachuting Demonstration Team's solo Navy and sole "gal" member is enjoying a special kind of freedom that "only skydivers can know about." In fact, Dee even displays a sticker on her car which says, "It's more fun to do it in the air." How's that for a true believer?

But closer to earth, when the winds are stirring up whitecaps, Dee takes to the water in the locally moored British Sailing Club's 19 foot sloop. Tacking back and forth across a stiff breeze, with the wind heeling the boat at a sharp angle, our Navy helmsman runs the sloop through the whitecaps with a great degree of skill.

Consuming the rest of our WAVE's time is a variety of hobbies which, when listed, look like an advertisement for a summer camp!

Dee has earned the Navy Pistol Ribbon as an expert with the 45 caliber pistol, shoots her own 38 Special and is a member of the Fort Belvoir Smallbore Rifle Team.

If anyone has gotten out of breath from all of this physical activity, hold on:

Backpacking over the wilderness trails of West Virginia is another of Dee's pasttimes. She says, "close-up wildflower photography and bird and plant watching make each trek more than a physical adventure. There's so much to see by the trailside that we often have to run the last few miles back to the car at sunset."

As an Emergency Medical Technician, Dee has had experience as an ambulance crew chief for road track sports car races ... experience that

has proven invaluable not only on the race track but at all kinds of sports events....

"People fall off horses at riding classes, land a bit hard when they don't do the correct PLF (parachute landing fall), or sprain their ankle while on hiking trips in the Shenandoah boondocks." According to Dee, it is a very rewarding hobby, knowing and refining these skills ... "First aid is an avocation I can take with me everywhere."

Seeming to broaden out into other activities, Ensign Goulding has just been appointed as the DMS "Resident Dracula", i. e., the DMS Blood Donor Program Chairperson. She promises some straightforward "these-are-the-facts" recruiting answers for a program, which as much as any other project, needs maximizing at the DMS.

With all of these activities, does Dee occasionally lapse into the stereo-typed girl, cooking, sewing and needlework routine?

"...Now and again everybody needs some R&R. I love to cook Chinese and French dishes and to bake Swedish cardamom bread." Sewing her own clothes, doing early American sampler needlework, and repairing her car, takes up the slack time in any weekend when Dee isn't jumping, sailing, hiking or patching someone up.

One wonders if she programs any time to sleep or eat in her daily schedule: "Why, of course," she says, "...In fact, sometimes my favorite thing is just doing nothing at all."

We don't believe it!

Promotions

Congratulations are extended to the recent promotions of Thomas Green as Chief, OSIR, and George Searfoss, as Chief, Repro Equip Repair Branch.



Going To School

Douglas J. Wilcox, Survey Division, will depart for a year of graduate study at Purdue University on 25 August 1974. For the past seven years, Doug has been employed at Fort Belvoir as a Supervisory Geodesist and has a broad experience in the mapping field. After completing two years of active duty from 1953-1955 in a Tank Company of an Infantry Regiment, he returned to his college studies and completed his BS degree in geology at the University of Nebraska. He was in the active USAR from 55-59 as a Sergeant First Class.

His professional career began in 1959 when he was commissioned as ENSIGN in the U.S. Coast and Geodetic Survey. After working for a year in hydrography in the Western Pacific MILSPAC operation and for a year in tidal and photo control surveys in SE Alaska, he resigned his commission and accepted employment as a Surveying Technician with the 1381st Geodetic Survey Squadron (Det #1), Vandenberg AFB. There Doug conducted astronomical and classical high order geodetic surveys and departed as the Geodetic Advisor (acting) and geodesist in 1962 after completing the Ballistic Missile Staff Familiarization Course. He then transferred

to the Interamerican Geodetic Survey COLOMBIA Project where he was both a cartographer and geodesist in the position of Assistant Project Engineer for horizontal control. Two years later Doug transferred to the IAGS PARAGUAY Project in the same position and for three months was the Project Engineer (Acting). In 1967 he was promoted and transferred to Fort Belvoir.

Doug has completed twelve different courses during his current assignment, including the correspondence graduate level course of National Security Management of the Industrial College of the Armed Forces. He is a DMS Master Instructor and attended the Ohio State University as a graduate student from 1970-71. He has published several professional papers and is a member of the following professional societies: American Congress on Surveying and Mapping; American Society of Photogrammetry; and Society of American Military Engineers. Looking forward to your return back at the DMS in August 1975.



DMS Has A Cheerleader!

Vivacious Miss Jan Rivero, a student at William and Mary College at Williamsburg, Virginia, has been working with the DMS as a temporary employ-

ee during the summer of 74. At William and Mary College Jan is a geology major and she is applying this background to assist LTC Marcy, Special Assistant to the Director, on TRADOC's Scenario Oriented Recurring Evaluation System (SCORES). The DMS involvement in SCORES deals with evaluating topographic support in, and terrain intelligence for, the several scenarios. At Jan's other school she will be a Senior this year; is Captain of the Varsity Cheerleaders; and carries a 3.2 grade average.

Jan leaves us today to return to school. It was nice to have you at the DMS Jan. Perhaps, after graduating from William and Mary, you might come back as a permanent instructor.

PPO Goes on the Road

by Cathy McCloskey

On the 16th of August we wished a bon voyage to our Chief, Maj Herring, who left on 17 August for Stockholm, Sweden. He will be attending the symposium on "Terrestrial Electromagnetic Distance Measurement and Atmospheric Effects on Angular Measurements." Maj Herring has been asked by Professor Erik Tengstrom, Chairman of Special Study Group 23 of the International Association of Geodesy, of which he is a member, to give a lecture on refraction problems in astronomic observations including short period shimmer problems. After his week in Sweden, the Major will go on to London for a week's leave.

On 13 Aug CPT Harkins left for Fort Knox to visit the Armor School and to attend a briefing: "New Armor Operations Graphic," given to MG Starry, CG, Fort Knox and BG Long, Comdt, US Armor School.



Three MC&GOC Students Promoted

Class 1, MC&GOC, recently saw three of their fellow students receive promotions from 2LT to 1LT. On 8 August 1974 promotion ceremonies were held in Room 113, Wheeler Hall, with LTC Ronald A. Walton, Class Leader, either presenting or assisting in the presentation of new bars to (left to right) 1LT's Wanda G. Stahle, Thomas J. Galli and Marsha M. Killam.

Special guests attending the ceremonies included Mrs. Galli, who assisted LTC Walton with the pinning of silver bars on her husband, and COL C. Alan Burris, Executive Officer, De Witt Army Hospital, who pinned new bars on Lieutenant Killam.

Lieutenant Killam's promotion was more than a bar-pinning ceremony, however, as COL Burris, a longtime friend of the new 1st Lieutenant's family, did the honors. It was the first meeting of members of the Burris and Killam families since 1968 when both were stationed at Fort Belvoir.

Since 1955 the careers of COL Burris and 1LT Killam's father have been on parallel courses - rather an inevitability, when both officers are in the Medical Service Corps and both are helicopter pilots! With her father presently serving as Medical Group Command-

er in Darmstadt, Germany, and her husband of three months attending Helicopter Flight School at Fort Rucker, Alabama, Lieutenant Killam requested the close family friend to perform the honors...a happy occasion for both the Killam and the Burris families.

Departures and Arrivals

On 31 August CW4 Stanley Payne of the Topographic Sciences Division will retire from service with an accumulation of twenty-four years of service. He plans to make his home in Indiana. SFC Joe Richmond, Graphic Arts Division, is retiring 31 August and will be moving to West Virginia. SMSGT Ronald Klein, Office of Budget and Management, was due to retire from the Air Force in July but could not, due to a major operation. He is doing fine now and will retire 1 September and move to Washington. Also departing 26 August is Gina Lynch. Gina has been with DMS for a year, working with the Office of Budget and Management and Office of the Director. Gina will be returning to school.

SP5 Melvin Johnson reported for duty with the Survey Division on 2 August 1974. Since his arrival he has met the necessary cut-off score and has been promoted to Staff Sergeant. The entire DMS Staff and Faculty extend a sad "farewell" to those departing and a big "hello" to the new arrival.

USAES Instructor Of The Month Awards

Mr. David J. Lynch (Civilian Instructor of the Month for

May) and Mr. John L. Jacobs (Civilian Instructor of the Month for June), both from GAD, received their awards from BG J. A. Johnson, Assistant Commandant, USAES, on 8 August 1974 at the USAES Conference Room. GYSGT Barry E. Leininger, also of GAD, was selected as the USAES Enlisted Instructor of the Month for May but was not present at the ceremony. General Johnson also awarded the Master Instructor certificate to Sgt Ted Arase from the Cartographic Division.

Those attending the ceremony from the DMS included LTC Anderson, Deputy Director; CW2 Peoples, Chief, Offset Printing Branch; and CW2 Bishop, Photolithography Branch.

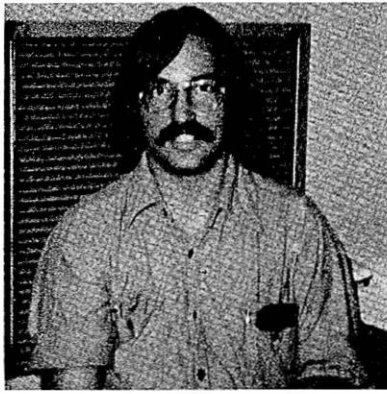


Instructor Of The Month

SSG Rudy, one of the Defense Mapping School's more aggressive Instructors, was selected as the DMS Instructor of the Month for July 1974, a deserving honor for his many achievements and outstanding platform instruction.

SSG Rudy, a Master Instructor assigned to the Carto Division, has, in addition to instructing AIT Courses, instructed lessons for the Noncommissioned Officer Courses, and is an active member of DMS's Mobile Training Team.

Keep up the good work, Bobby.



Ted Picard

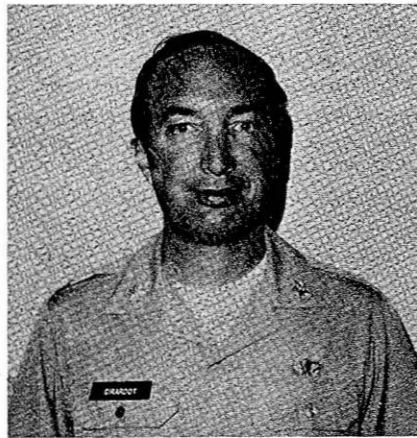
Ted Picard, one of the DMS summer interns assigned to TSD, will be leaving for William and Mary on 3 September 1974. Ted arrived at the DMS with Jan Rivero, also from William and Mary.

It has been reported that Ted has some major accomplishments and failures while assigned to the School. Among his accomplishments were the establishment of an information exchange program with several government and civilian agencies, the completion of a study on the current status of remote sensing and the suggestion to create a new employment category in the Civil Service Administration. Among his failures, Ted was unable to: get a TDY trip to the EROS Data Center, beat Major Boyer in three straight sets of tennis, get a security clearance, or get a sound job offer.

Upon his impending departure, Ted has asked that his appreciation be extended to, "Majors Boyer, Thompson and McClatchey and to CPT McMillian for their guidance in "who to talk to"; to "the Captains" for their overview and to "the Sergeants" for reality; and to the secretaries for their patience with my spelling."

Ted returns to William and Mary for his last year at school where he is majoring in

geology. Good luck in your studies Ted!



Going Away

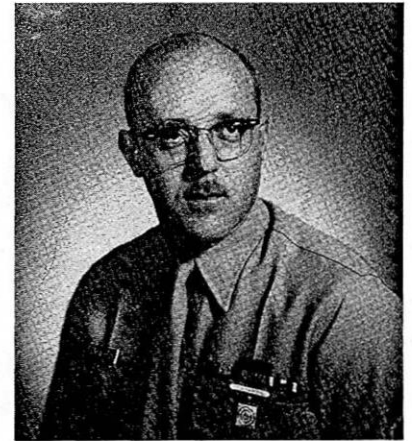
"You are reassigned..." After only two years with DMS, MAJ Girardot received PCS orders assigning him to the U.S. Army Element, Defense Supply Agency located at Ogden, Utah.

Upon his arrival, back in August of 72, the Major put in many long hours at DMS. In fact, it was such a frequent occurrence for him to return home late that his wife decided to keep the car with her. But after many cold evenings of waiting, outside of Bagley Hall, she gave this up and made him buy a second car. He was the only Officer at DMS who was known to require TDY just to see his family.

After about one year at DMS the Major went on loan to DMA HQ where he worked in PPS for one year. He never said if it was a good deal or not, but he did smile more often.

From all of the DMS People — "best of luck to you and your family Dave, and just in case, keep both cars, it gets awful cold in Utah."

MAJ Girardot will not actually depart the area for a while, since he has to attend a Facilities Management Course here at Ft Belvoir, prior to reporting to his new duty station.



He's Going!

Is he really?? Twice before his orders were cancelled. In fact, once as he was leaving the building, after all of the good-bys, he received word to stay. I don't know about GySgt Leininger, but three Bon Voyage Parties, and at least 10 days of out-processing each time, is about as much as a guy can expect from his friends and the Marine Corps for one assignment.

Seriously, we will miss the good Sergeant. He has been assigned to DMS since April 1970 as an Instructor in the Graphic Arts Division. As proof of his outstanding efforts, he has been selected as the USAES Enlisted Instructor of the Month and as the DMS Instructor of the Month. Upon his departure, the Joint Service Commendation Medal was presented to him by the Director, DMS.

GySgt Leininger is leaving DMS for the Marine Corp Recruiting School, San Diego, California, where he will attend school prior to his duty assignment.

As we journey through life
Let us live by the day
Don't trouble tomorrow
Today is today



The Candle Stick Maker

by Russell Henderson

Dancing shadows, pleasingly scented air, decorative additions to your mantle, window-sill or table, all of the attributes can be found in the candle making art of Mr. Al Marvel, Reproduction Equipment Repair Branch. A professional at his hobby, Al began less than three years ago. Starting with paraffin from the grocery store and all the empty plastic bottles, food containers, and butter cups he could find, he has developed a technique all of his own.

For those readers wanting to try their hands at this craft Al has agreed to share the basic process with us. First, some comments on supplies; then, how to use them.

Plastic drinking cups and bottles are good molds for beginners. Remember that a candle is made upside down, and that grooves in your mold will also be present in your candle. If Al Marvel's hobby should become yours, you will find yourself buying metal molds.

While your first efforts will probably be done with paraffin, candle wax is best. Paraffin melts at around 105°F. and is inclined to smoke as it burns, while candle wax has a higher melting point and smokes little.

Wick selection is also important. A candle maker chooses between three diameters - small, medium, and large - based on the diameter of his candle.

Having selected your supplies - which, incidently, have doubled in price in the last few years - you're now ready to produce your first candle. You melt the wax in a double boiler using a candle thermometer to check its temperature. Heating should be gradual until you reach 145°F. at which time the candle wax should be in a liquid form. Now add your color. Coming in block, chip, or liquid form, the coloring is stirred into the wax until it is the desired color tint. Use a bent coat hangar for a stirrer.

Some caution is required when heating the candle wax. If it is heated too quickly, the top of the wax melts slower and FOLLOWING THE EXPLOSION, you may well have candle wax all over your kitchen. Excessive heating over the 145°F. may also cause the wax to explode and if it doesn't, it will most certainly bleach out your color.

Now that you've achieved the color tint you want, add your scent and reduce the heat.

The mold is prepared by putting the wick through the bottom and securing it there with a special clay or caulking. The other end of the wick is tied to a metal rod which is placed across the mouth of the mold.

Pouring the wax into the mold is art in itself. Pouring it rapidly will cause it to lap. Wax candles that are poured too slowly will have air bubbles. The best way to describe the pouring is to call it a continuous flow. While the wax is curing, you will notice a depression form in the center. This is to be

expected and is corrected by adding additional wax.

Curing may be done on a table or with the weighted mold in a bucket of cool water. The water bath is used to get smooth clear candles, while the air method is used for decorated candles. When the candle is finished you remove it from the mold and decorate it with a brush and candle wax — use your imagination.

Al's largest candle was 20 inches tall and 4 inches in diameter, while his smallest was only 3 inches high. He also enjoys making the small votive candles everyone uses. A specialty, in his imaginative hobby is the 13 inch hurricane candle.

Anyone interested in this kind of hobby? Better check with your wife first!

Tennis

If you're considering the possibility of joining the DMS tennis ladder, now is the perfect time. With people going on TDY the opportunity to advance is tremendous (personally I haven't played a match since June and I'm No. 8). The rules are such that if you're gone for two weeks or more, your name is taken off the list. You can challenge for your original position once you return. But if you lose, you return once again to that all too familiar bottom rung. When all this summer scurring is over with the ladder will be solid.

With Majors Thompson and Boyer on TDY the winner of the forthcoming Anderson-Springer match is destined to become No. 1 on the ladder. Springer has been steadily moving toward the top after having recently beaten Hey and Marcy. Hey is once again complaining about an old war injury (Battle of the Bulge?) and Marcy (Continued on Page 8)

is having an off-month (the Dodger's aren't the only ones in an August slump). The long awaited Picard-Karwoski match is soon to be played once Ziggy comes out of hiding. It seems impossible but out of a field of 12, Karwoski is No. 15! (Ted "The Greek" has the odds at 5:1.) Cheney defeated Hey 7-5, 7-5, Picard plays Jensen, Gallien will challenge Gano, and Marcy swears that he'll have a comeback! Mr. D'Alessio, "where are you"?

DMS in Post Roll-Offs!

At the same time that the DMS Boomers were getting beat by the DMA Raccoons, the DMS Stokers were clinching third place in the American Intramural League with a 3 1/2 - 1/2 game win over one of the Executive Flight Detachment teams from DUSSA.

The team was led by Dave Cook's 213, high game for the night. Having come up with a tie in the first game, the Stokers squeaked out a six pin win in the second game. Duke Braswell had high game with a 179. The rest of the team was all bunched up in the 150's. The Stokers iced away the third game easily as they administered a sound thrashing to their opponents. Dave Cook again had the high game, only this time he rolled a 202. As in the previous week, Dave Cook led the Stokers attack with a 213-566 set. Jim Cain made a fine contribution with a 176-508 set. Don Roberts contributed a 176-506 set to the cause.

The Stokers had to win at least one game by a large margin, enough to win in total pins, in order to participate in the Post Roll-Offs the following week. This was a must series and the Stokers came thru convincingly.

Want Ad: (Bowling)

One male bowler for Tuesday Officers' League (GS-9 or higher), 1745 to 2015 hours. Bowl with such celebrities as "Big Jim" Hey, "Muscles Harkins", "Numbers" McClatchey, "Tobasco Sauce" Connor, "Killer Keller", "Finesse" Heindl, "No Mercy" Marcy, and "Meat Grinder (alias "Big Mac") MuCullough! One more man will enable us to field two DMS teams thus doubling the fun and the chance for a DMS championship. The first night of bowling is 27 Aug...we need a regular player. First to notify LTC Marcy gets the cherished spot.

Boomers Bomb

Coach McCullough was last seen wandering through Bagley Hall talking to himself about that nightmare 6th inning. It is strongly rumored that he is about to be shipped to lower Solbolvia when Colonel Kurtz returns. Aside from the final 15 to 11 drubbing administered to the Boomers, both teams enjoyed a spirit of enthusiasm which seemed to reach out to the 70, or was that 70,000 spectators. Those who came for the promised family entertainment received all they were looking for.

Here are some of the noteworthy antics of the "horrible 6th:" each member of the Raccoons had the audacity to bat twice during the inning; one of the Raccoons, like a runaway locomotive, crashed into the Boomer's gung-ho second baseman; the Raccoons hit the ball before the Boomers could recover from the previous play; then the Raccoons conned the Boomers into waiting too long to decide who was going to catch the ball; then they waited for the Boomer's infield to begin cat-napping and so on into the night during that last twenty minutes of

utter frustration for the Boomers and their fans.

One unique feature of the entire game was the tremendous officiating by Messieurs Mat-tern and Wenrich. For those in DMS who missed the game you'll have another chance to see the team members play at the DMS picnic, even though they may be on different sides. All members of the Boomer squad send congratulations to the members of the Raccoons.



Coach's Remarks

All in all the coach feels that the team gave a good accounting of itself throughout the entire season. They have always played well and had the talent to eliminate any and all competition. However, winning all, nice as it may be, is sometimes elusive. Just working with a group of men, who displayed and gave the enthusiasm that the Boomers did all year, make a coach's job easier. Nothing in sports is more satisfying than watching the unification of a dozen or so men as they become welded together like a well oiled machine. This is especially true in the environment that the members of the DMS team work and live. It is good to see men develop that esprit-de-corps within an organization and it makes one justly proud to be associated with them.



TRAFFIC JAM?



SAY HEY (HI) KID



BOOMER'S SURRENDER TROPHY



THAT'S A PITCHER?



BYE, BYE....
BIRDIE!



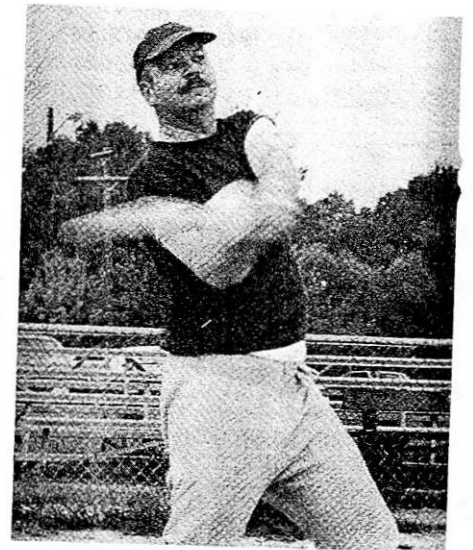
ANTICIPATION!



LOOKING FOR AIRPLANES?



"HANDS" JENSEN: FROM
FIRST TO SECOND.



GOOD FORM!

(Continued from Page 1
General Penney)

Military Academy, General Penney has served in New Guinea, the Philippines, and Japan during and after World War II; in France; in Vietnam; in Germany; and in numerous locations in the United States. In addition to his present position, he has held important positions as District Engineer, Chief of Legislative Liaison for the Army, and Engineer of the United States Army, Europe and Seventh Army.

General Penney is a graduate of the National War College, the Nation's highest military school. His numerous decorations include the Distinguished Service Medal and the Legion of Merit with Oak Leaf Cluster.

To observe this event appropriately, a retirement ceremony will be held on the grounds of the U. S. Naval Observatory in the area behind Building 56 at 1530 hours on 30 August. The 30th Engineer Battalion (Topographic)(Army) with Color Guard, the 75th Army Band and the DMS Honor Cordon will participate in the ceremony.

The people from the DMS are cordially invited to attend the ceremony. The participation of the ladies would be most welcome. If you desire to attend, please contact the Staff Assistant NLT 23 Aug 74. If enough interest is shown transportation will be arranged. Attendees are requested to be seated at 1520 hours.

Military attendees are requested to wear appropriate uniforms: Army: Army Green; Navy: Service Dress White; Air Force: Blue Service. For civilian attendees the dress is informal.

OSIR'S BLACK WIDOW
EXPECTING!

(Continued from Page 1
LTC McIntosh)

tenant Colonel on Wednesday, August 7, 1974. He is shown here receiving his silver leaves from his lovely wife, Sally.

He came to the Defense Mapping School in March of 1972 where he was assigned as Chief, Survey Division and has been Chief since then. He started his career in the Armed Forces in 1957 as a 2nd Lieutenant from ROTC. He graduated from Texas A&M in 1957 with a B.S. in Civil Engineering. Up until then, he had spent most of his life in his home town, San Angelo, Texas.

During his time in the service, from 1957 to the present, he has had many engineer assignments, attended several courses at the Aviation School and attended Ohio State University where he received his Master's Degree in geodetic science.

He has been flying since 1958 when he attended Army Flight School. He has been just about everywhere and has done more than you can imagine. Since being in service, he has received many awards, including the Senior Army Aviator Badge, Army Commendation Medal, 11 Air Medals, 2 Bronze Stars and the Distinguished Flying Cross. He is definitely an outstanding officer.

On his off duty time, he loves to relax: golfing, fishing and boating. He has received some awards from another favorite pastime - boating; they're called "Painful Sunburns."

When asked about his future, he said he was undecided but: "I have four kids to go through college yet. I can't retire until they are out. Next summer, I will receive an overseas assignment. I don't know where yet."

We hope that your overseas assignment is a good one for

you and that you are sent to where you want to go. Congratulations; Lieutenant Colonel McIntosh!

Tech Bits

September 7-16, 1974, is the XIV "International Congress of Surveyors (FIG)." This world renowned event for MC&G people will be held at the Washington Hilton Hotel in Washington, D. C. In conjunction with the FIG, the American Congress on Surveying and Mapping and the American Society of Photogrammetry will hold their Fall conventions, 10-13 September. This is the highlight of the year for professional MC&Gers and DMS people are encouraged to attend. DMS is proud to be represented on the technical program by four DMS people who are presenting papers. The papers are:

"Objective Specifiers of Image Quality in Edge Measurement" by Major Leon G. Thompson.

"Applications for the Automated Astronomic Positioning System (AAPS)" by Major John C. Herring.

"A New Look at Triangulation" by Douglas Wilcox.

"Adaptation of the Analytical Photogrammetric Positioning System (APPS) to Geodetic Surveys" by LTC Bernard McIntosh.

Registration fee for the entire Congress is \$65.00, but registration for the ACSM/ASP portion is only \$15.00. Those presenters who are giving invited papers usually register free with ACSM and ASP. In any case, this is an outstanding opportunity to see and hear the latest in our field. The DMS staff and faculty are encouraged to attend where schedules permit.

THE

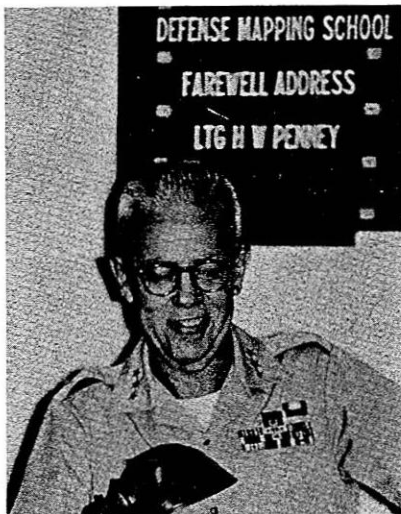
Defense Mapping School's

CONTOUR

VOL. 1

6 SEP 1974

NO. 4



Farewell Address

As the Director of the Defense Mapping Agency, LTG Howard Penney made his last official visit to the DMS on 23 August 1974 a memorable one. His visit began with a luncheon with the Post Commander, MG H. R. Parfitt; the Assistant Commandant of the Engineer School, BG J. A. Johnson; and the Director of the DMS, COL Kurtz and his Staff. At the DMS General Penney was given an updated briefing on the activities of the School (Continued on Page 8)

Officers Bat .538

by Ed Marcy & Jan Rivero

Highlighting the 1974 DMS picnic, a free-swinging officers' team overwhelmed the undermanned NCOs who were suffering from the loss of recently warranted Yovorsky and Mattern. Along with Dave Broussard, John Aranza, Chuck Rottman, and Orly Keller, these two new Warrants led the officer attack by personally (Continued on Page 7)

3rd Annual DMS Picnic

by Kathy Kelly

On Friday evening, August 23, most of the "DMS fathers" were digging out their baseball cleats or polishing up on their horseshoe tossing. Most of the "DMS mothers" were smiling at the thought of a catered picnic while they visioned themselves sweating over hot beans last year. Most of the "DMS children" were asleep in bed dreaming of actually being allowed to eat all the hamburgers, drink all the soda pop and get as dirty as they want. At 2300 hrs, while everyone else was doing (Continued on Page 5)



New DMA Director Named

Rear Admiral Shannon D. Cramer, Jr., United States Navy, has been nominated by the President for promotion to Vice Admiral and appointment to head the Defense Mapping Agency.

Admiral Cramer, a native Washingtonian, comes to DMA from the Defense Intelligence Agency where he has been the Deputy Director for Plans since April 1974. Prior to that he served as the Deputy Director, J-5 (Strategic) in the Office of the Joint Chiefs of Staff.

(Continued on Page 8)



Thru The Transit

TRANSITION. In this issue we have reason to think about how far we have come - and where we are going. LTG Penney, during his farewell visit, identified our progress when he noted that our most noteworthy accomplishments included: pioneering MC&G mobile training teams, initiation of supplemental training to help more students graduate, creating five special two-week courses for reserve component students; raising the professional level of the staff and faculty; and setting the pace in interservice training.

A PENNEY FOR YOUR THOUGHTS. For the future LTG Penney challenged us to continue to remain always responsive. Citing the introduction of APPS training, he also reminded us that we have lots to do, so don't relax. We will always remember his summation - "Please - find a better way - and try a little harder." General Penney is the best friend the MC&G units of the Services ever had. He has really earned his degree of Professor Emeritus and his diploma from the MC&G Senior Officer's Course. We will follow through with the resources he gave us to use to provide the best training, and the best people, to these units. We wish him well in his new career.

THE PICNIC. Wow! The best ever - a great turnout, good weather, and legitimate win by the "officers" of the softball trophy from the "NCOs." We were pleased that LTG Penney was able to pitch the final

ball that won the game.

CHANGE AT THE HELM. We welcome the arrival of our new skipper, RADM Cramer - an outstanding leader who is eminently qualified for the job. We look forward to his first visit. We regret only that some of our best yeomen who have elected permanent shore leave are no longer aboard. However, I will be able to prove the capabilities of our present crew when we pipe him aboard the DMS WHEELER HALL on the flagship BAGLEY.

RESPONSIVENESS TO USER NEEDS. The award of the Alabama Commendation Medal, by Governor George Wallace, to several members of our MTT to the 1203rd Engr Bn, Alabama National Guard, is a singular honor. Thanks to all in DMS who have pitched in to help convert this unit from a "Duster" battalion to a really fine topo unit.

NOW HEAR THIS! Belay that old terminology. From now on a head is a head, and keep clear all ladders between decks. All hands report bulging bulkheads and sagging overheads immediately to the first mate on the poop deck. Sweepers man the broom at sixteen bells - oops! 1600 hours, purple standard time.

Tech Bits From The Lighthouse

by Don Light

Plans are underway for the 1975 Joint Convention of the

American Society of Photogrammetry (ASP) and the American Congress on Surveying and Mapping. The annual event will be held at the Washington Hilton, Washington, D.C., March 9-14, 1975.

The Technical Program Chairmen are calling for "Proposal for Papers" for inclusion in the program. Proposals must be received by the Chairman no later than:

ASP 16 Sep 74
ACSM 1 Oct 74

Proposals should include:

- Title of proposed paper.
- Author's name, address, position and professional affiliation.
- Summary of paper's technical content (abstract approximately 200 words).
- Estimated time for presentation not to exceed 15 minutes.

DMS'ers are encouraged to submit proposals through the normal DMS channels to the Technical Director, Mr. Light, by 10 September 1974 for DMS approval. We would like a few good papers from the DMS on the program. Let's support these professional organizations.

SAYING FOR THE DAY

I disagree with what you say, but will defend to the death your right to tell such lies.

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 Department of Defense.

Address all communications to: Editor, 'CONTOUR', Defense Mapping School, Fort Belvoir, VA 22060

Director: COL M. K. Kurtz, Jr.
Editor: CW3 R. L. Lesinski
Assoc Ed: Carla Davis



Three Recieve Unique Award

by Joe D'Alessio

By order of the Governor of Alabama, George C. Wallace, the Alabama Commendation Medal was awarded to COL Maurice K. Kurtz, Jr., Director Defense Mapping School, CW4 Stanley W. Payne, Instructor, TSD, and CW4 Susumu Takaki, Chief, Survey/Computing Branch, during a Mobile Training Team (MTT) visit to the 1203rd Engineer Battalion (Topo)(Army), Alabama Army National Guard, during their annual training held at Fort Stewart, Georgia. CW3 Swarthout accepted the award for COL Kurtz and CW2 Peoples accepted for CW4 Payne as both COL Kurtz and CW4 Payne were on leave. CW4 Takaki was present as he was a member of the MTT.

The Alabama Commendation Medal is awarded on a very selective basis and is the highest award presented to any individual by the state of Alabama. At present the ribbon is not authorized to be worn by personnel serving on active Federal duty. However, Colo-

nel Hornsby, CDR 1203d, stated that the Adjutant General is seeking permission from the Federal government to allow active duty personnel to wear the award along with other service medals.

The three recipients were commended "for exceptionally meritorious and distinguished military and civilian services for or to the benefit of the United States or the State of Alabama." COL Kurtz was cited for his endeavors in establishing the MTT program. CW4 Payne and CW4 Takaki were cited for their instructional expertise and technical assistance while serving as MTT members in support of the 1203d.

COL Hornsby asked the MTT members to pass on to the DMS Staff and Faculty his remarks of appreciation for rendering invaluable assistance to the unit during the past year.

DMS will continue to provide assistance to the 1203d during the next FY in support of the "One Army Concept."

Vans

by Russell Henderson

Ever wonder about those vans parked outside Wheeler Hall? While they are similar to the mobile press vans used in Army topographical units, these vans belong to the USMC, and provide a Marine division with its reproduction capability - both in the field and in garrison.

GySgt Ron Olson, NCOIC of the Offset Duplicating Course, GAD, was involved with setting up a portion of the reproduction training for the 2d Marine Division when he was assigned at Camp LeJeune in 1971. Now as an instructor at DMS, he was finally able to complete that task while on a recent MTT visit to Camp LeJeune.

While the duplicator course was set up at the DMS two

years ago, especially for USMC, the duplicator vans had not yet been received by the divisions. The vans are now being issued; the duplicator course has a place for its Marine graduates; and, we are happy to report GySgt Olson has completed his task.

Now you know.

Return From Camp Swampy

by Sam Thompson

Fort Stewart, Georgia is the home of the recently dedicated 1/75th Ranger Battalion. It is also the location of rattlesnakes, "chiggers," acres of swamps, daily monsoon rains and extremely healthy alligators. Major Sam Thompson and CPT Len Good were introduced to the above delights while serving as evaluators for the 1203rd Engr Bn (T)(A) from 8 through 23 August 1974. The 1203rd is easily the most popular battalion at the DMS. The slow talking, pleasant National Guardsmen have met most of the instructors at the School either by attending classes here or on one of the many MTT visits to their home at Dothan, Alabama. Since converting from "cannon cockers" to "map makers," the men of the 1203rd have shown a great improvement in their topographic technical capability.

Thompson and Good examined all phases of the battalion and concluded that "through extremely judicious use of the remaining two weeks of Basic Unit Training" the unit would be able to successfully complete their Annual Training Test in 1975.

Grand Slam

The Defense Mapping School had another "first." Five of our enlisted people, SFC Nor- (Continued on Page 4)

(Continued from Page 3)
WO Promotions

man C. Anderson, SFC Alexander R. Yovorsky, SSG Robert W. O'Leary, SSG William D. Smith and TSgt James L. Mattern, accepted their warrants as WO1s all during the same week. The one Air Force and four Army NCOs were selected by a Department of the Army Warrant Officer Selection Board to fill existing vacancies for WO in the MC&G career field.

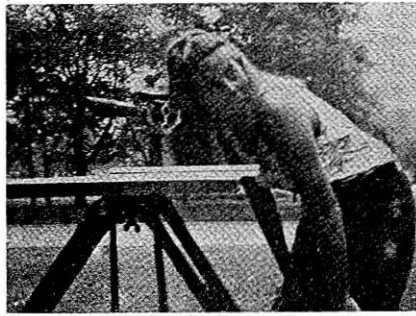
This grand slam selection is living proof of the caliber of people serving on the Staff and Faculty of the DMS. Although everyone is proud and happy for the new WO1s, the DMS will feel the loss as each received his reassignment orders upon promotion. WO1s Anderson and Smith were reassigned to the 519th Military Intelligence Battalion, Aberdeen Proving Ground, Maryland; WO1s O'Leary and Mattern were reassigned to the 524th Engr Co (T)(C), Fort Hood, Texas; and WO1 Yovorsky was reassigned to Germany with the 649th Engr Bn (T)(A).

Replacements for these people will be hard to find. Nevertheless, best of luck to all of you in your new military careers and we hope to see you again at the DMS.

Miller Makes It

SP4 Robert L. Miller, a well known instructor in the Survey Division's Instrument Repair Branch, will be giving up the military to return to Ohio where he will go back to work on the B&O.

Bob likes the Army and his job but the railroad fever has him and he's got to get back to what he calls "God's Country;" besides, his wife said he would! Have a good trip home Bob and best wishes for the future.



A Teacher Is Taught

by SP4 Bob Jackson

A person would think that a teacher would only want to teach the basic necessities of her or his subject to the students. In most cases, this is true; however, for Ms. Robin Craft of Fairfax County, the basics are not enough. Ms. Craft feels that to really teach young people, you must step beyond the text book to get a better understanding of what is going on. So to help her 7th and 8th grade science classes, she decided to dig into surveying. From June to August, Ms. Craft attended various courses at the DMS. She wanted to learn as much as possible about surveying and map reading so that her students might be able to make their own maps.

Robin has a B.S. from Mary Washington and is presently working on her M.S. at Virginia State. After teaching school for more than 8 years she has stated that she isn't sure of what she wants to do in the future, but she loves teaching and she loves kids and would like to stick to that for now.

She also stated that her attitude of the military has changed since she has been at the DMS. Before coming here, she had many negative thoughts about service people. Once she got here, however, she said she was surprised. "Everyone was outgoing and very

willing to help in any way. The instructors were excellent. I was surprised to see how hard the instructors worked and showed concern for each and every student!"

She thinks that the Defense Mapping School is a superior School. After attending DMS, she informed me that she wouldn't mind going into the military and trying to become an instructor here. She would enjoy becoming a part time surveyor. Ms. Robin Craft loves surveying and said, "I enjoyed every minute I was here."

Before closing my interview with her she stated, "I want to say thanks to the School and everyone who helped me." Ms. Craft, from all of us, "It was our pleasure. In turn you helped us redesign our courses to better train women."

George is Back

SFC George Brabetz, a former member of the DMS, has returned after two years of duty in Thailand. George said he's ready. He is now on leave and reports for duty at the School on 3 September 1974; previously, he worked in Operations (now PPO), where he constantly amazed everyone with his working knowledge of the School and his ability to accomplish any job. Welcome back George!

Congratulations

Congratulations to GySgt Ron Olson, GAD, for placing 2nd in the Ft Belvoir Golf Championships. He also received a trophy for the longest drive - over 300 yards. Ron's play qualifies him to represent Ft Belvoir at the TRADOC Golf Championships at Ft Dix, N.J., September 16 through the 20th.

(Continued from Page 1) Picnic their "Friday night thing," a dim light burned in a little white kitchen as a handful of men continued to peel and cut and stir in order to put the finishing touches on 90 pounds of homemade Coast Guard potato salad.

On early Saturday morning, the Coast Guard Station Picnic Ground looked like a portion of Eden. The hot sun was already beating down on the wet grass, removing any illusions of thunderstorms and a ruined picnic. The trees, the pond, and the fields held the perfect setting for the momentous 3rd Annual DMS Picnic.

At 1100 hrs, the voices of the few "early birds" blended in with the chirping of crickets and the cawing of the crows; still very quiet.

At 1200, SFC Crews arrived and the hush was broken with a, "HEY BABY, WHAT'S HAPPENING!!" The picnic was on! Horseshoes began to drop; volleyballs were hit; the laughter of children rang from the playground; screaming Elvis poured out of the speakers; and the beer began to flow.

People of all ranks and grades came in clothes ranging from blue jeans to hot pants and from sweat shirts to halter tops. Business was left in the office as everyone mingled with everyone else, laughing, shouting, and just plain relaxing. Special guests included General Penney, Colonel Carter, LTC Wallace, WO Christofani, WO Thomas, and of course, our own special people.

The "Coast Guard Catering Service" took care of the entire picnic. They arrived, set up the fires, set up the food, cooked the meat, and cleaned up. After catering a picnic almost every Saturday since April, these men knew their stuff.

After the chow line had fi-

nally subsided and everyone was too full to move, a faint sound was heard in the distance. It sounded like little bells. As a little white truck chugged up the road, the children's eyes got bigger and their mouths opened a little. The truck pulled up and stopped. "FREE ICE CREAM FOR THE KIDS." In a matter of a few seconds, the playground was totally empty, mothers became temporarily childless and a stampede was in progress. Happily, the kids walked back licking their Good Humor bars and smiling.

Thanks to 1LT Fox, SFC Windland, SP7 Kottemann and the "master-in-charge-of-games," Captain Hey, the children had prize-winning games ranging from a balloon bust to relay races. This not only gave the children something to do, but it also gave the adults some free time to play their own games.

The adults began their fun with the traditional Tug-of-War. The enlisted men were on one side and the ladies and the officers were on the other side. Without the slightest bit of a struggle, the women, with a little help from the officers, pulled the enlisted men over the "finish line."

The greatest event of the day would have to have been the egg toss. The couples lined up and proceeded to toss the raw egg back and forth. One by one, couples stepped out of the lines laughing as the sticky egg dripped from their hands. Though unsuccessful, the greatest performance was made by Jan Rivero who attempted to catch the egg with her shoulder. Bob and Helen Jones were the final winners as they proudly held up the unbroken egg while choosing from among the many "unique" gifts.

Towards 1600, the crowds be-

gan migrating towards the softball field where the game was soon to begin. Through the heat and the sweat, the men (and the woman) strived on, ignoring aching muscles, skinned knees, and unbearable thirst.

Most people were heading towards home by 1800. At 1900, the picnic area looked much as it had that Saturday morning, with the crickets chirping and a few bodies still sitting around, laughing, and "helping" to finish off the beer. By 2000, the picnic was over for another year.



They Did It Again

Personnel of the Fleet Marine Force Atlantic called the other day and said they had press parts which were needed at the DMS. So, John Connors and SSG Hillman took off for Norfolk in the wee hours of the morning and, as usual, got what they went after. As usual, they took everything else they could get, the above box included, not knowing what was in it. They dumped it out in the press room and "SURPRISE," it took Mr. Markwell and John all day to sort out the good from the bad. Actually, it turned out real well, as the first press that was shut down for repairs required a part found in the box of what they call "goodies." The press was inoperative for only a short time; this is important as there are no standby presses and the students learn primarily by hands-on training.

DMS PICNIC "1974"



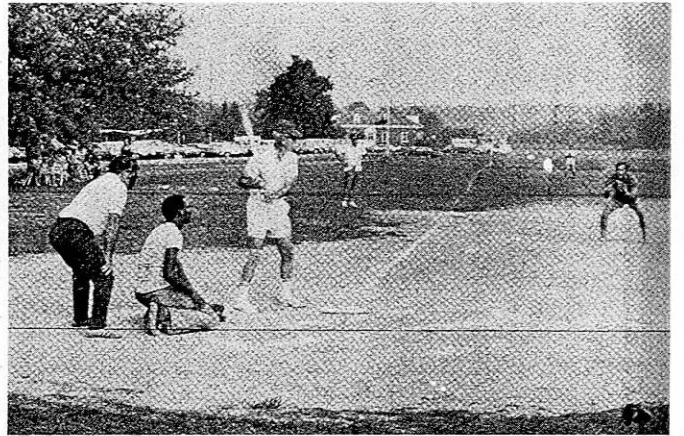
WHERE IS ALL THE BEEF?



IT WENT THAT-A-WAY!



SUNNY SIDE UP!



THE "STARS" AT BAT.



THAT WAS MY HUSBAND!



UNDER THE SHADE OF AN OLD OAK TREE.

(Continued from Page 1 - Softball Game)

accounting for 4 hits, 4 runs scored, 8 runs batted in, and by roving the outfield like masked bandits. Conversely, SGT Anthony's visitation bolstered the NCOs as he drilled in three base hits but, alas, with nobody on base on all occasions.

The game began with the first two NCO hitters, Shannonhouse and Anthony, tagging Tabasco Sauce Connor for two clean hits. Tremors of apprehension, reminiscent of last year's six run first inning NCO outburst, rippled through the ranks of the officer supporters. McHale fanned and then Mattern found himself rapidly backtracking, from his preferred shallow left field position, to haul in a well hit drive by Szempruch. Mighty Murray then approached the plate and a tense hush settled over the stands. On the second pitch he lined a screamer over second base which was still rising when Yovorsky made the catch of the day, retiring the side with no damage.

The next 25 minutes has been labeled, by some, with varying titles such as "The Valentine's Day Massacre," "Picnic Panic," "Hurricane Agnes," and the like. It featured the officers scoring 11 runs off 11 base hits (including two towering home runs by Yovorsky) and an error. At one time, a spectator was heard to say, "If this keeps up, it'll be the first time a game was ever called in the first inning for darkness." A mother was heard giving her toddler a lesson. She was going on and on... "See John hit the ball. See Dave, Chuck, and Jim run around the bases. See Al hit the ball. See the ball go over their heads....." It was during this onslaught that the col-

lective ego of the NCOs was doubly insulted when LT Stahle (of the fairer sex) ripped a single off the glove of Cook, the hapless but game moundsman for the NCOs. Nine batters later, when she popped up to finally end the debacle, Pat Szempruch was heard mumbling while he drug his tired frame from his shortstop position, "A man can't bear two innings like that in two games." Pat's reference to "the other game" being the 11 run 6th inning by the DMA Raccoons giving them a 15 to 11 edge over the DMS in the second annual DMS/DMA game. Pat has been on the receiving end both times.

Not to be prematurely counted out, the NCOs struck back with four runs in the third. With one out, Cook singled. Shannonhouse, noting Mattern's shallow left field preference, blasted one over his head for a home run. Anthony grounded out but Sundquist revived the rally by reaching first on an error. Consecutive doubles off the bats of Szempruch and Murray accounted for the other two runs. Again, in the very next inning, the NCO bats came alive as Zieres' single was followed by a line drive homer by Cook which found the hole in left center and rolled all the way to the fence. With the score 11 to 6 and the game not yet half over, NCO hopes soared. SGM Harris was noted encouraging his stalwarts on to bigger and better efforts (as only Big Tom can do).

Reacting to the ferocity of the NCO counterattack, the officers sought to ice the game in the bottom of the fourth by loading the bases after two were out. Aranza singled to score Hey from third but Connor's legs told him the wise thing for him to do was hold at third rather than challenge the strong arm of Zieres in

short center. With the bases still loaded and a count of 2 and 2, Marcy ripped a sure hit to right center and the basepaths resounded with the sounds of footfalls by the flying feet of Connor, Keller, Aranza, and Marcy. Other and heavier footfalls drowned out the din. Moving with the grace of a pregnant kangaroo, and combining the quickness of Willie Mays with the speed of Maury Wills, the ball was seen to disappear into the outstretched mitt of the thundering, antelope gifted, Zieres as he became the Al Unser of the DMS, thus robbing the officers of two, and maybe more, runs.

Not to be denied, the officers added three runs in the fifth. Don Light technically directed a double to right center, scoring off Broussard's double, followed by Yovorsky's third home run. The last run of the game came in the officers' sixth inning as, after Penney popped to shortstop, Keller doubled and rode home on Aranza's second straight single.

General Penney, relieving Connor of the pitching chores in the seventh, set the NCOs down in order to end the game - displaying a baffling spin ball which resulted in three pop ups.

Remarkably free of errors (considering the consumption of beer which preceded and characterized the action of the at bat team.... all in 90 degree heat) the game was well played and hard fought. The 35 hit attack by both teams could have been more without other fielding gems by Sundquist (doubling Marcy off second base after handling a Mattern line drive); Rottman's alert fielding of a potential foul ball; and a maximum effort by Light which began a double play. New talent was abundant and prom-

(Continued on Page 8)

(Continued from Page 7)

Softball Game

ises that next year's DMS team will again be a threat in the Ft Belvoir League. Dave Broussard plays a mean third base, catches, and fast pitches. Don Light looks good at first and Shannonhouse hit well (where were you, Cook, and Yovorsky this past season?). Aranza moves suprisingly well as does Zieres who assisted last season's team showering opposing players with all manner of vocal abuse. Jim Harnden's style also indicates a great deal of experience. So, look out you DMS returning vets....we're loaded with talent, even if it does take an annual beer bust to find it.

BOX SCORE																						
											R		H		E		LOB					
											1	2	3	4	5	6	7	8	9	10	11	
MCs:											0	0	4	2	0	0	0	0	6	14	3	8
OFFICERS:											11	0	0	1	3	1	x	-	16	21	1	6

Walks - Keller, Gallien; Doubles - Anthony, Stewpruch;
 Murray, Nelson, Light; Killers: Triple - Harnden;
 Home Runs - Yovorski (2), Cook, Shannonhouse.
 DP - Sundqvist (unassisted); Light to Marcy (unassisted).

MCs:				OFFICERS:					
AB	H	RS	RBI	AB	H	RS	RBI		
SHANNONHOUSE	3	2	1	2	MATTERN	3	1	1	2
ANTHONY	4	3	0	0	BOUSSARD	4	3	3	2
MURRAY	1	0	0	0	YOVORSKI	4	3	2	6
STEWPRUCH	4	2	1	1	ROTTMAN	4	2	1	0
MURKIN	3	2	0	1	STABLE	2	1	1	0
GALLIEN	3	1	0	0	CONNOR	3	1	0	0
MEIR	4	0	0	0	KILLER	3	2	2	1
ZIERES	2	2	1	0	WANDER	2	3	1	2
SMITH	2	0	0	0	MARCY	3	1	1	1
COOK	3	2	2	2	LIGHT	4	3	2	0
SUNDQVIST	3	0	1	0	KEY	2	1	1	0
ODLE	1	0	0	0	ARNOLD	2	0	0	2
					MCNEILL	1	0	0	0
					PENNEY	1	0	0	0
					JONES	1	0	0	0
TOTALS	34	14	6	6	39	21	16	16	

(Continued from Page 1)

Farewell Address

by the Division Chiefs and a short tour was conducted through the new U. S. Marine Corps reproduction vans.

In keeping with his policy, the General met and talked to many of the DMS people. In fact he exchanged autographs with one of them, the Associate Editor of The Contour.

His farewell address was both interesting and informative. He complimented the people in the DMS on their many outstanding accomplishments and the progress of the school over the past two years.

(Continued from Page 1)

New DMA Director Named

He was commissioned Ensign upon graduation from the U. S. Naval Academy in June 1943. After World War II and early postwar service on destroyers, he went to Submarine School. Since graduation from that school in 1947 his career has been heavily weighted toward undersea warfare. Service on several conventional submarines was climaxed with command of the USS SIRAGO. Command of nuclear submarines USS SWORDFISH and USS PATRICK HENRY, Washington duty with the Office of the Chief of Naval Operations, and command of Submarine Division ONE HUNDRED TWO and Submarine Squadron FIFTEEN were highlights of his career from 1958 to 1967.

In August 1967 he reported to J-3 in the Office of the Joint Chiefs of Staff for duty as Deputy Director of the National Military Command Systems. The following year he became Military Assistant to the Assistant Secretary of Defense (Public Affairs). In May 1970 he became Commander of the Submarine Flotilla SIX where he was decorated for enhancing the readiness of half the submarines in the Atlantic Fleet.

Admiral Cramer's many awards include the Legion of Merit with three Gold Stars. He is married to the former Elizabeth Jean Stewart of Philadelphia, and they have five children.

'Did You Know...?'

..that in 1457 the first dated book was printed from movable type: Psalterium, Mainz, by Fust and Schoeffer. This was also the first book printed in color, first book to have a printer's mark, and the first attempt at printing music.



CW4 Payne Retires

After more than 25 years of service, CW4 Stanley W. Payne, Mapping/Charting Branch, TSD, said goody-by to the DMS. Stan came to the school in January of this year from A Co., 30th Engr Bn (Topo)(Army), where he was the Operations Officer. Upon his arrival at the DMS, Stan was responsible for all of the MC&GOC instruction related to graphic arts. He was also very active in the support of MTT's having spent several weekends in Alabama and in North Carolina.

Stan entered the Service in January 1949 at Mansfield, Ohio. Over the next 25 years he has had many assignments with both Psychological Warfare and Topographic Units in the States and overseas. His decorations include the Army Commendation Medal w/OLC and the Good Conduct Medal. Upon his retirement, COL Kurtz presented Mr. Payne with the Joint Service Commendation Medal and the Alabama Commendation Medal.

Stan leaves the DMS for Indianapolis, Indiana where he plans to go into semi-retirement, i.e., going to work in either production management or sales.

Stan, good luck on your second career.

General Penney's Last Visit To The DMS



THANKS, SERGEANTS
URBAN AND OLSON



PENNY SHAKES WITH
THE GENERAL



PRESENTATION OF
PROFESSOR EMERITUS



PRESENTATION OF THE DMS'S PRIDE:
A PURPLE SOFTBALL



SHIRLEY AND THE GENERAL



TOURING USMC REPRO VANS
WITH MR. MAC



THE FAREWELL ADDRESS



PRESENTATION OF DIPLOMA
FOR MC&G SENIOR OFF CRSE

The Poet

by Kathy Kelly

"Broken tears reflected back from cracked mirrors. I can't turn back the time."

A portion of a Shakespearean play? A thought by Robert Frost? Possibly, but no. This is actually one of the many poems written by SP4 Dale Cuave. He has the rare ability to take life around him and capture it in beautiful, sensitive phrases.

Through writing contests in his early school years, mandatory writing in high school, and studying the works of other authors, Dale has developed his knack for writing. He stated that since he has been in the Army, he has more time to write.

Dale sent ten of his poems to a songwriting service in Hollywood last year. They responded favorably to two of them. For a fee, they write music for the poems, print music sheets, and send them out to various recording studios and radio stations. Unfortunately, Dale never carried through with it. He said that he had no plans for becoming a "famous poet."

While describing the "method" he uses to write, Dale said, "Instead of focusing on the surface of the subject, I try to go deeper. Like when I'm writing about people, I go into their minds instead of concentrating on what they look like. The main things I write about are life, death, dreams and thoughts. I could just be sitting in any quiet place looking around and I'll figure out something to write about. I take a subject and tear it apart, usually equating it with something else. Like I'll be writing about a flower and compare it with a person; both living, both reproducing, both dying."

Maybe Dale's friends will be the only people who have an opportunity to read his poems, but those who do will realize his gift for writing and not forget what they read.

Dale has been assigned to the Defense Mapping School since March 1973 where he has continuously proven to be indispensable in the Optical Survey Instrument Repair Branch.

In recognition of his devotion to the Service, Dale has received both the Good Conduct and the Joint Service Commendation Awards.

Instead of going home to Los Angeles or to another area when he ET's on 30 August 1974, Dale will remain at the DMS to continue his work, only this time as a civilian.

DMS

Doors swing open each morning
Uniforms and shined shoes move
in
Hot cup of coffee is waiting
Along with a Master Sergeant's
grin

Unhesitatingly teaching
Only things that he's been
taught before
Unhesitatingly learning
The student will come back for
more

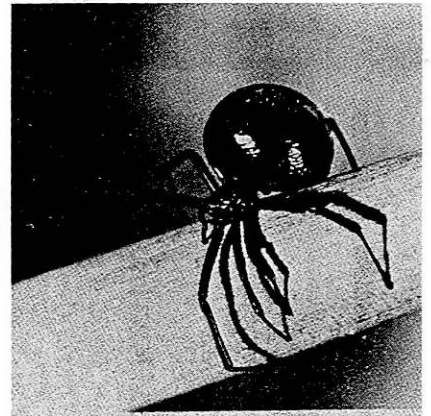
Survey Division keeps moving
In an up hill climb for the
best
I'd hate to know I was leaving
This place known as DMS

Jack's Leaving

PFC Jack Karwoski will depart the DMS on 9 September 1974 for his new assignment at Fort Benning, Georgia. One of the DMS's better golfers, Jack will be missed by the team, the many friends he has made on the course who knew him as

Ziggy, the members of the Survey Division and the DMS. The HHC, 2nd Bn, Commander and ISG will also miss Jack and, surely, Jack will miss them too since they had so many meetings together at odd hours in the Company area.

Best of luck on your new assignment Jack.



Flash!

OSIR's Black Widow Gives Birth. Yes, OSIR's Black Widow finally delivered. She is now the mother of a little more than 125 very small spiders. She isn't through though! Oh No, she has two more egg sacks.

We also have gotten a very large male Black Widow, but we don't plan on letting them live together. We are already up to our instruments in Black Widows.





Thru The Transit

The CONVENTION - People from DMS were deeply involved in the concurrent conventions of ASP, ISP, ACSM and FIG last week. While some of us were involved in working committees, Bernie McIntosh, Doug Wilcox, Sam Thompson, and Jack Herring were presenting papers. Don Light arranged for others to visit the aircraft exhibit at Andrews AFB. There the MCGOC students and faculty saw first hand the cameras and aircraft used to obtain mapping photography - a unique opportunity.

The initiative demonstrated by all participants was outstanding. From feedback I heard I can say that DMS has really come up in the world!

SELF ACTUALIZING PEOPLE. According to Maslow, people's motives are arranged in a hierarchy:

- (1) simple needs for survival, safety and security
- (2) social and affiliative needs
- (3) ego-satisfaction and self esteem needs
- (4) needs for autonomy and independence
- (5) self-actualization needs in the sense of maximum use of all his resources.

Where are you? We know that as the lower level needs are satisfied, they release some of the higher level motives. Edgar Schein, in Organizational Psychology notes that even the lowliest untalented person "seeks self-actualization, a sense of meaning and accomplishment in his work, if his other needs are more or less fulfilled."

In the future we will have more to say about how to manage self-actualizing people. We have many of them in DMS! Do you have any working for you?

As a start we are preparing biographies of all DMS people-who they are, what they have done, what they are famous for, and what their first names are. (In a teaching environment these things carry much more weight than rank, title, degree, or state of marriage.) We plan to write up various people in future editions so we can all share my confidence that our people at DMS are the best!

THE HONOR CORDON - Even though DMS is people oriented, it does not mean that we overlook the fact that our primary mission is to train military students. We have a proud tradition at DMS, and enjoy the opportunity to carry on those ceremonies which remind us of our heritage. The Honor Cordon does this for us frequently. Only our sharpest and best military men and women are allowed to compete for participation. My personal thanks to all who have served.

Our civilian members of the DMS team can also take pride in recalling that even George Washington, as a young man, was taught surveying at the Fairfax estate here at Fort Belvoir. He went on to establish the first school of engineering in the US after he became Commander in Chief.

Think about this piece of history the next time you watch our Honor Cordon perform!

DMS Visits Andrews AFB

by Don Light

Over sixty DMS people boarded buses to Andrews Air Force Base Friday, 13 Sep 74, to view the American Society of Photogrammetry's Remote sensing display. Twenty aircraft were on display and this was thought to be the largest group of photographic and remote sensing aircraft ever assembled in this area. Aircraft from military, government agencies and commercial firms were loaded with a variety of cartographic cameras, scanners, multispectral and even side looking radar systems. Several of their pilots were on hand to explain their role in the data acquisition business.

Several of the light commercial aircraft carried Zeiss, Wild, Fairchild or other impressive sensors, but the stars of the show were the NASA/USAF RB57 and the U-2. These two planes are on loan from the US Air Force to NASA for Earth Resource Surveys. The two high flying jets are capable of altitudes greater than 60,000 feet and with their variety of sensors, they would surely be the envy of any MC&G minded person who is (Continued on Page 3)

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 Department of Defense.

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Director: COL M. K. Kurtz, Jr.
 Editor: CW3 R. L. Lesinski
 Assoc Ed: Carla Davis

(Continued from Page 2 Andrews Visit) interested in photographic data acquisition.

The DMS contingent was welcomed by David Landen, ASP Chairman of the display. From then on, the DMS group mounted aircraft after aircraft, peeked down the navigation sights and talked to the pilots about the systems.

In short, it was a fascinating and informative afternoon. We are grateful to ASP for arranging such a stimulating event and we appreciate the efficient arrangements set up by PP&O and Myles Mulholland. The excellent camera coverage of DMSers in action which you see on pages six and seven is the fine work of Andy Yacenda.

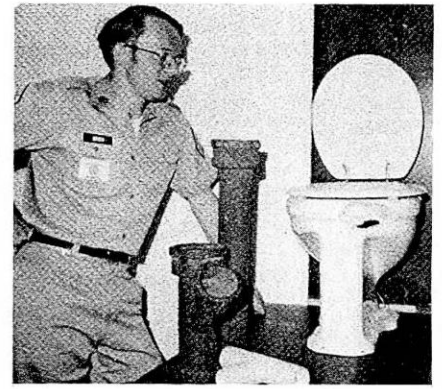


Proud SP5

by Bob Jackson

On Thursday, 3 September 1974, SP Marvin Odle was promoted to E-5 as LTC Bernard McIntosh presented the well-earned stripes to him. Needless to say, SP5 Odle was both surprised and happy.

Assigned to the Construction Survey Branch, he is proud of the accomplishments of the Branch and his job. He has no aspiration to become a "hard-striper" but is well satisfied with his specialist rank.



Flushing Success

Clyde T. Commode demonstrates graphically an important part of the plumbing drawing lecture given by Loren Sitzer of the Construction Drafting Branch, Cartography Division. As an assistant instructor "Clyde" has proven to be a valuable asset to the instructors and staff, much to the delight of the students.

This new innovation in instruction used in the Branch was introduced to add new interest and appeal for the students to a usually drab lecture on plumbing drawings. Loren Sitzer, shown in photo above, is the primary instructor and Clyde T. Commode is the assistant instructor with Bill Snyder as the "Voice of Clyde." Using "appropriate" sound effects and key questions and answers for Clyde, a new "flush" has been brought to the face of the plumbing lecture. Bill Snyder is shown above speaking into a special PA system rigged up with a tape recorder for the unusual effect.

Also a special event occurred this month when Bill Snyder re-enlisted. The ceremony took place in Wheeler Hall with his lovely wife, Barbara, present. Lots'o luck, Sny, and keep up the good work!

Since he doesn't ETS until 1978, SP5 Odle still has a few more years to continue his outstanding performance at the DMS.

From all of us at DMS, Congratulations!

Officer Bowling

by Ed Marcy

As of 16 Sep, the three officer teams from DMS are faring well, with a composite record of 17 wins and 7 losses. Chuck Rottman's team opened the Castle League on 11 Sep with 3 wins. Jim Harden's 575 set (205 game) assisted by Bernie McIntosh's 503 set (192 (Continued on Page 5)



EXCUSE ME MISS,
but I'm DESIGNING A NEW
LIGHTWEIGHT SURVEY TOWER...
... AND, AND I WAS WONDERING..



Bassmaster

by Russell Henderson

Sitting by a lake calmly waiting for a fish to come along is what many of us consider "fishing." "Not so," says Bassmaster Billy Peoples, OIC of the Offset Press Branch "you must actively challenge the bass with your lure." As proof of this philosophy, Billy is shown holding a 7 1/2 and 6 3/4 pound bass.

An active fisherman seeks out his game fish with more paraphernalia than you would imagine. And, not every lake is suitable for bass. Lake Gaston, N.C. is where Billy launches his 15 foot bass boat.

Having reviewed a topographical map of the lake, Billy powers up his boat and heads to a likely hot spot or honey hole. What he is looking for is a deep water hole or depression with structure...say a submerged tree or creek channel. Now, he cuts off his 70 hp outboard and becomes the sophisticated sportsman.

Aided by an electric trolling motor, he uses a sonar-

type depth finder to check the underwater terrain of the lake. Since bass have no eyelids, they tend to stay below the level of the sun's penetration...the Depth-0-Lite meter helps to check this aspect. With an electronic thermometer he finds the depth where the bass are most comfortable.

Having spent half of his time seeking out the bass' habitat, our bassmaster must now challenge the bass to take his lure. Using spinner baits in the fall and spring and plastic worms in the summer, Billy continues his efforts to land his personal goal.....a "State Citation" fish, one which is over 8 pounds. There were only 359 citation bass caught in the state of Virginia in 1972.

The Bass Anglers Sportsman Society (BASS), of which Billy is a member, sponsors a professional tour with its own Masters Classic. For the aspiring bassmaster at the DMS, there are approximately 6 local bass clubs in the Washington metropolitan area with over 30 in the entire state. These local clubs offer an excellent opportunity to learn about the fine points of becoming an expert at catching the temperamental bass. You should know, however, that recent statistics indicate it costs the professional bass fisherman about \$78 for each pound of fish kept for the frying pan.

With bass fishing very much a part of Billy's future, we may very well be hearing more about DMS's own Bassmaster.

Our Aug. Only

SFC Russell Ewing, a Senior Instructor in the Construction Survey Branch, is selected as the DMS Instructor of the Month for Aug 74. This is



quite an honor for Russ, as the instructors of DMS do give stiff competition to earn this reward. Also, this entitles Russ to compete for the USAES Instructor of the Month, but unlike the Engineer School's Program, which selects one officer, civilian and enlisted man each month, DMS selects only one individual as the Instructor of the Month, per month. This makes the competition even greater.

Russell has been with Construction Survey a long time, since 1969; even so, we do not want to lose him now. He is the kind of Military Instructor DMS needs to accomplish the tremendous job of teaching young men and women today.

Congratulations, Russ (Crip) for a job well done.

New Course

The Offset Duplicating Course is under way after recent expansion to meet Army requirements. The course was originally designed to support the USMC; however, with the introduction of U.S. Army students into the course, the curriculum was extended, with a new course length of six weeks and three days. Graduates of this course will be assigned to Marine reproduction units and Army PSYOPS (Continued on Page 5)

(Continued from Page 4
New Course)
units or to other military organizations requiring trained people in offset duplicating. Two civilians representing the Army are currently enrolled in the course.

(Continued from Page 3
Officers Bowling)
game) paced the effort. In the second week they split but shot a 944 scratch game which may well stand up all year long. That game was paced by Jim Harnden's 227, followed by Chuck's 205, Vaughn Nelson's 197, Will McCullough's 163 and Will Freeze's 152. What a team game! After two nights in the USAES Officers League, McClatchey's TEBees are in a tie for first place with a 7-1 record.

Marcy's team broke even in the second night of bowling, losing total pins by 2, thus having a record of 5 and 3, which solidly places them in the first division.

All participants in the three teams are concentrating very hard to win starting positions for the big match with the NCO's on 30 Sep. Composite individual averages, in all leagues will determine the treasured starting lineup. As it stands now, based on only the Castle, USAES and DMS Mixed League averages, the competition is as shown (thru 12 Sep).

Chuck Rottman 189 (3 games)
Jim Harnden 185 (6 games)
Bruce Broussard 178 (3 games)
Ed Marcy 174 (9 games)
Bernie McIntosh 168 (3 games)
Jim Hey 162 (9 games)
John Connor 158 (9 games)

Other "sleepers" are in the wings also. We're hoping for Al Yovorsky, to still be in town and Vaughn Nelson and Orly Keller to improve on their uncharacteristic slow starts. The way things are

shaping up, the NCO's will have their hands full. It should be a heck of a match on the 30th. All Team Captains are requested to report the total scratch pinfall and number of games bowled, of all 155 plus average bowlers as of 0800 hours 25 Sep, to LTC Marcy. The high four average bowlers plus Al Yovorsky will start with the 5th high acting as official scorekeeper and sub. If Al can't make it, we'll start the high five average bowlers with the 6th high acting as sub.



ARRIVALS

Jerry M. Wilhelm, reported for duty with the Admin/Mgt Division as the Management Analyst on 19 Aug 74. Jerry came to DMS from Seymour Johnson Air Force Base, N.C. Hope he has no trouble adjusting from "blue" to "purple". The entire DMS Staff and Faculty extends a big "welcome".

The Old Pro



Starting with this issue, we would like to introduce you to THE OLD PRO. This feature column will add a new dimension to your paper. If you have a question that has been

bothering you, you're invited to ask THE OLD PRO. He has been around for a long time and has the experience necessary to come up with the answer.

Perhaps the question that has been bothering you is also on the minds of others. The published answers from THE OLD PRO may clear up the same matters that have been troubling a lot of other people.

Here are the ground rules for sending in your questions:

1. Your questions should be of either a technical or military nature (Love and marriage problems will be ignored).

2. Your questions should be addressed to the Editor of The Contour and submitted through distribution channels in your Division.

3. All questions must be signed; however, your name will be withheld from publication upon your written request to that effect.

4. All questions will receive attention and an attempt will be made to answer all of them. However, only those questions which are of interest to the greatest number of readers will be published. All other questions will be returned to you with either comments or answers through distribution channels. This however, does not preclude the possibility that the question will be published in a future issue of The Contour.

EDITOR'S NOTE: THE OLD PRO, for obvious reasons, has requested to remain anonymous.

A T T E N T I O N !

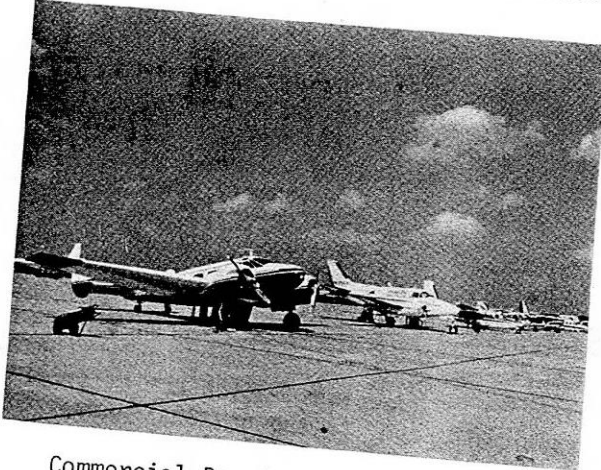
The Contour intends a slight change of format in the next issue. All you weak-eyed fellows better polish your glasses, the type size will be smaller.



Mr. David Landen, Remote Sensing Display Chairman, greets Don Light as the DMS Group arrives at Andrews Air Force Base.



Monk Kurtz, Bernie McIntosh and Don Light chat with Dr. George Rabchevsky and an executive of Photo Science, Inc.



Commercial Remote Sensing Aircraft



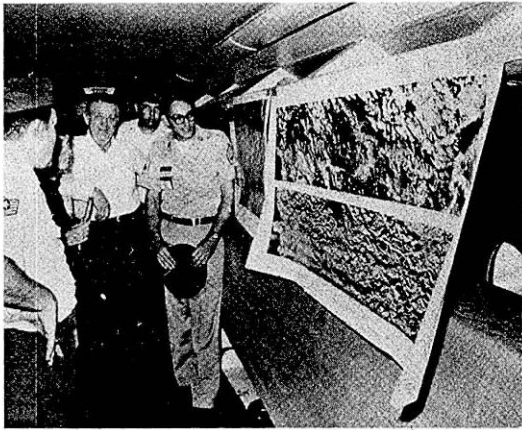
Monk and Don Light examine the metric and multiband cameras on NASA's U-2 Aircraft.



Jim Jensen and LTC Morayyeh, Alshahrani, Saudia Arabia, at the nose of the RB-57.



Bernie McIntosh and Fritz Boyer tour the Commercial Aircraft. North American Rockwell's Aircraft is in the immediate background.



Ralph Ruetze, Barbara Herbstreith and Merlin Yelton discuss Side Looking Radar imagery with Mr. Homer Jensen, Chief Engineer of Aero Service Corp.



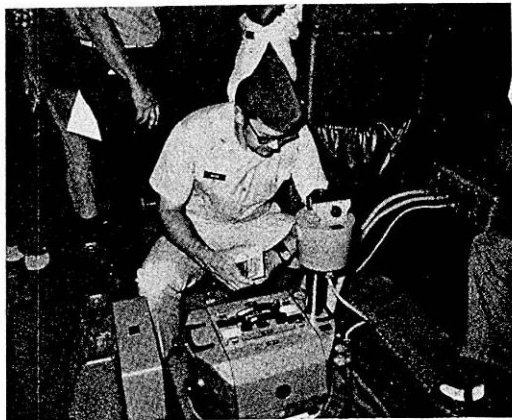
Barbara Herbstreith, Merlin Yelton, Henry Woolldridge and Ralph Ruetze leaving the Aero Service - Goodyear Aircraft.



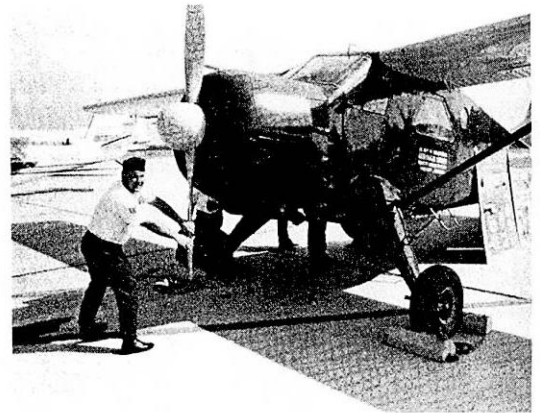
Barbara Herbstreith, Carto Div, at the Lockheed, Kessler and Barillett cameras.



Jim Jensen, Don Light, Fritz Boyer, Sam Thompson and LTC Alshahrani, Saudia, Arabia, in a technical discussion at the RB-57.



Fritz Boyer takes a look at NOS's RC-8 electric camera.



Ralph Ruetze demonstrates the starting procedure for the Geological Survey's Aircraft.

DMS Honor Cordon

by Jim Fox

DMS has the distinction of being the only official Honor Cordon on Fort Belvoir as well as within DMA. To reflect the organization of DMS, the Honor Cordon is represented by members from all services. It is made up of 10 people which include 1LT Jim Fox and SFC [Name], both of whom are on duty as the OIC and NCOIC of the Honor Cordon. The four duties assigned to DMS provide two representatives each, only the sharpest looking people are selected to be members of the Honor Cordon. During LTG Penney's recent retirement, on 30 August, the Honor Cordon was invited to participate in the ceremonies. The trip people selected to represent DMS at the retirement ceremony included US Army 1LT Fox, SFC Crews, SFC [Name], SSG Nitchman and PFC [Name]; USAF — Ssgt Eaton, SSGt Moore; USN — LI3 [Name]; USMC — GySgt Wenrich, SSGt Gleason. DMS provided the only women participating in the ceremonies. The presence of the fairer sex on the Honor Cordon created many second and third glances from the military in attendance as well as their wives. This was by no means the best performance by the Honor Cordon. Since COL Kurtz appointed CPT Pratt as the original OIC of the Honor Cordon early in 1972, it has performed many times in DMA parade ceremonies. Other outstanding people still at DMS who have contributed their services in the Honor Cordon performances are SSG Stitt, MSgt [Name] and MSgt Garrard. C [Name] (MSG candidate) Crews performed for the last time as NCOIC of the Honor Cordon last month and was forced to



Know Your Reporters Beauty And The Hippie

Kathy Kelly and Bob Jackson, both from the Survey Division, continue to come up with some real fine articles for The Contour. It is amazing that this outstanding talent went so long without being discovered. Jackson comes up with a truly fine article, then immediately, Kathy does her thing --- writes a better one. Jackson won't stand for this, so on he goes again, and so does Kathy. Let the two of them fight it out! The people of DMS are the real winners, and will continue to be, as long as the good articles from these two outstanding people keep coming in. Some of the articles they have written are as follows:

The 24 Hour a Day Serviceman
"Two Fleas Greet"
3rd Annual DMS Picnic

Uncle Sam Drafts Again
Gold to Silver
A Teacher is Taught

The Poet

The Editor is encouraged by the enthusiasm of Kathy and Jackson and wishes that more of the DMS people would join in to give these two some real competition in the future.

discontinue his services due to a reoccurring ankle problem which is quite severe. His booming baritone barks and experience will be gravely missed but we are sure that SFC Yelton will do an excellent job of filling the void.

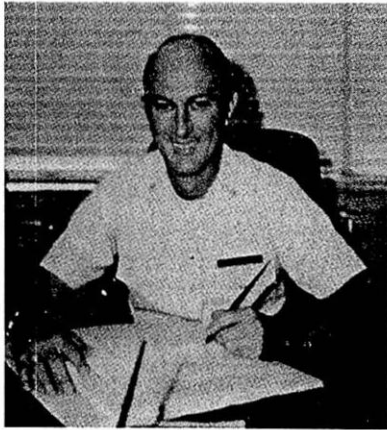
The Cordon welcomes future opportunities to show-off, especially to show-off the skill and beauty of the fairer sex. But if any of you guys think you're good enough, you can notify Jimmy Fox or Merlin

Yelton and we will see what we can do for you.

Thank You

Mr. and Mrs. David J. Lynch and family wish to extend their appreciation to the Defense Mapping School for the kindness shown during their recent bereavement. Mr. Patrick J. Lynch, father of David J. Lynch, passed away September 9 in Milford, Massachusetts.

CFC-LET'S ALL GET TOGETHER



DMS Gets The Best

Maj Harvey C. Broussard (Bruce), USAF, Defense Mapping School's new Staff Director, Office of Budget and Management, continues his studies of changing Blue to Purple, which admits is a big job. Bruce came to DMS 24 Aug 74, previously being assigned to Drews AFB as a member of the Air Force Systems Command Inspector General Team. Although he has been with DMS only one month, he has proven that he is well qualified for the Staff Director of 1, in that he accepts all challenges and is an outstanding 'People' Manager. From all of DMS, welcome aboard".

Tennis Trivia

by Sam Thompson

TDY, schools, graduations, vacations to Denmark (conducted at Andrews AFB by Jennifer) have depleted the ranks of the normally tenacious topographic tennis team. Boyer replaced Thompson while Anderson mashed Marcy; both actions ending normal tennis activities. Anderson, who two weeks ago menacingly mumbling the wits of Executive Order 42 he ripped Thompson's name from the ladder (Thompson was

on TDY), found himself the victim of EO 42. (He is going to school.) Presently the line-up reads: Boyer, Thompson, Jensen, Springer, Marcy, D'Alessio, Hey, Gana and Gallien.

Newcomers still have time to become established on the ladder before the "DMS Open." What's that? Well, just the most exciting tournament possible and a fitting climax to the tennis season — trophy, prestige, etc. See the next Contour for details.



Anita Leaves For CSC

Anita F. Smith, Topographic Sciences Division, is spending her last day with the DMS today. On Monday morning she will be moving into a new desk, a new office, and into a new organization. Anita, however, will be moving only a short distance to the Military Personnel Section of the Computer Systems Command here on Fort Belvoir.

Anita came to the DMS a year ago after having worked for the Stafford County Government as a typist. Since then, she has not only increased her commuting distance from home, over 80 miles a day, she has also improved the size of her paycheck. Anita, we wish you

the very best on your new job.



Nancy Takes Six

L13 Nancy E. Gates, USN, was sworn into the Navy for a six year enlistment by Ensign Deidre Goulding on 10 Sep 74. This is Nancy's third enlistment, so apparently she will make the Navy her career. If she continues to accomplish future tasks as she has at DMS, it will be a most rewarding career for herself and the Navy.

Nancy was assigned to DMS after completion of the Photolith Course to become an instructor in the Photo-Lithographic Branch. While at DMS, she has attended several courses such as ITC, Programmed Writers' Course and the Army Projectionist Course.

After graduation, Nancy was originally scheduled for assignment to Gitmo, Cuba. Those orders were cancelled, so Nancy remained at DMS and made many friends and became an outstanding instructor.

Nancy's new assignment will be in Tokyo, Japan with the Pacific Stars and Stripes. She is due to be transferred December of this year, their gain, our loss.

Best of luck, Nancy.

CFC: From 19 September to 4 November 1974. Lets get 100%.



"In" And "Out"

We have some good news and some bad news. First, the good news. The Construction Drafting Branch, Cartography Division, has gained an outstanding instructor, Russell Cavender, who upon arrival was presented by Lt Col Krayk, Ft Belvoir's USMC Representative, a Meritorious Mast for exemplary performance as a training instructor for the Leadership courses for the Staff NCO and NCO Leadership classes, at Headquarters Battalion, Marine Corps Supply Center, Albany, Georgia. This is another confirmation that the Marines continue to send their best men.



Now for the bad news. On 27 September 1974, Bill Allison will be discharged, leaving the Construction Drafting Branch and going to work for the Pennsylvania State Highway. With deep regret, we hate to

see him go, but wish him much success in his new role in civilian life.

Off To School

Victor B. Gonzalez departed the DMS on 9 Sep 74 to attend the Navy's Oceanography Course at Suitland, Maryland. Vic is assigned to the Topographic Sciences Division as a Hydrographic Instructor for the Mapping, Charting and Geodesy Officer Course here at the School. In addition, he is also the Senior Marine Enlisted Instructor at the DMS.



Vic is a graduate of the US Navy Hydrographic Engineering Officer Course and the Applied Oceanography Officer Course. His selection to attend this course, however, is unique in that — to the best of our knowledge — he is the first Marine to attend the two month course. Vic will return on 4 November.

Proud Pat

If Pat Szempruch seems a little listless this week and doesn't answer when spoken to, there is a reason for it. Very early Monday morning, 9 Sep 1974, Maj Herring, along with the rest of the PPO people, had a short ceremony with Pat at the center of attrac-



tion. He was promoted to Specialist Five, a promotion most of us feel was long overdue. There are few E4s in uniform today who have worked as hard, with so many supervisors and as long as Pat has.

Being one of the top graduates of the 81B course, Cartographic Drafting, Pat was selected to remain at the School, and was assigned to us on 2 Jun 1972, just before D/Topo became DMS. Even though he wanted to become an instructor in Carto Div, a further review of his records and abilities indicated he would be the ideal person for the position in what was D/Topo Operations --- now PPO.

In addition to his daily duties of chart and graphmaking, work order book control and student academic records maintenance, you may find him taking photos around DMS, or metal scribing at Training Aids. In fact, he can operate almost all of the machinery at Training Aids. Not only has he done most of the layout work for The Contour, he has also done all of the headline work to date. He has always willingly accepted responsibility, with a cheerful grin, and comes up continuously with the job completed on time.

He is just as efficient on football gridiron or a softball diamond as he is at work. For more than two years now, he has been one of the DMS's top stars on both teams.

Congratulations Pat on a most deserving promotion!

Continued from Page 1
(Survey Chief)

1969 to 1970, he was the Operations Officer of Topographic Training Team, 64th Engr Bn in Vietnam. From 1970 to 1971, he was an Engineer Equipment Officer in RVN. Then, from 1971 to 1972, he was assigned to the Reserve Advisory Group Operations/Administration Office in Columbus, Ohio.

Bill has a B.S. in Physics from the Polytechnic Institute of Brooklyn, a M.S. in Geodesy from Ohio State University, and is currently working on his PhD at Ohio State University, researching in the Design of Special Purpose Horizontal Control Networks.

When Bill was assigned to the Topographic Training Team in Iran, he was affectionately known to some as "Tent Pants." This was due to the large set of field trousers he wore while observing precise electronic traverse. Bill kept saying it was the last pair in the supply, but as a matter of fact, at the time, he dared not turn into the wind for fear of the great excess cloth flapping and knocking over the Parkhurst Signal Light. As a great Persian poet Omar Khayyam, alias Omar Flashback, wrote:

There was a surveyor named Sprinsky
Who was a recorder first
In class.
His field pants were a bit
Oversized
In fact larger than the body
In mass.
He dare not turn sideways
For fear of leaving the
Grass.

We are sure Bill will be a great Chief and an inspiration to us all. We here at the DMS at the Survey Division welcome him and hope that his tour of duty here will be a rewarding one.



Puplampu (pu-plam-pu)

by Bob Jackson

The OSIR Branch, Survey Division, is proud to introduce to you Fern Puplampu. Fern was assigned to the OSIR Branch as an instructor on August 8, 1974. She is not only the first Female Army student to go through the course, but she is also the first female instructor in the OSIR Branch.

Fern was born in London, England, and was raised in Los Angeles. There, she attended high school and college. She wasn't satisfied with what she was getting from college and decided to go into the Army. She told the recruiter that she wanted to go into a field where she would be able to use her hands. She was told about the School and the course. Fern thought it over and decided that this was what she wanted. She attended the OSIR course and was graduated as honor graduate. She was asked if she would like to stay on as an instructor. She accepted and was immediately assigned to the Branch.

I asked her what she thought of the Army, the School, and her plans for the future. She said, "The Army is an experi-

ence. As far as the School goes, it is great. The people are friendly and I think I'm going to enjoy it here. I haven't any real plans for the future yet. If I'm not married before I'm 25, I would like to make the Army a career."

We here at the Defense Mapping School hope you enjoy your tour of duty here, and on behalf of the School, "Welcome."

**LET'S
ALL
GET
TOGETHER ...
IT
HELPS!**



OUR GOALS:

\$ 4,200

100% GIVING

PLEASE GIVE!

ntinued from Page 1
adian Visit)
itary and their interrela-
nships in the total Cana-
n mapping effort.
apt "Fox's" bibliography is
y interesting. He was born
Paris, France, in 1947, and
eived all of his primary
cation there. In 1959, his
ily moved to Montreal, Cana-
where he attended high
ool. He graduated with
ors at the age of 15 and
ered McGill University,
duating in 1963 with Bache-
of Chemical Engineering.
graduated in 1968 from the
adian Armed Forces Regular
icer Training Plan and was
missioned. He has attended
Long Survey Course at the
tish School of Survey,
mitage, England.
apt "Fox" has been posted
a planning officer in a
struction engineering sec-
n at CFB Gagetown in New
nswick and at the Mapping
Charting Establishment in
awa. He has planned, orga-
nized, and conducted a major
ld survey party to estab-
h 1:50,000 mapping control
the Shepherd Bay and Reso-
e Bay area in the Canadian
tic. Prior to his present
, Capt Fox was 2nd I/C of
Compilation Division.
n his departure, Capt Fox
ressed his appreciation for
warm reception and coopera-
n he had received on his
it. He stated, "The visit
most successful and has
n not only productive, but
oyable."

Promotions

ongratulations are extended
the recent promotions of
ge Kelley and Shirley Sund-
st, Office of the Director,
ce Zieres and Kathy Kelly,
vey Division, and Judy
th, Office of Budget and
agement.

(Continued from Page 1
DMS Goes to Sweden)
the hotel by 1900. The old
body just gave up until Monday
morning and the start of the
Symposium.

The week's IAG Symposium
schedule was quite hectic with
several planned activities.
On Monday evening an invita-
tion was extended to all mem-
bers of the Symposium to at-
tend a reception at City Hall.
The reception was superb (good
wine and exotic food) but for
me the tour thru a very fan-
tastic City Hall building put
the icing on the cake. Wed-
nesday evening consisted of a
boat tour thru part of the
Stockholm archipelago. Again
the weather cooperated and an
excellent time was enjoyed by
all. Friday evening a bus
tour was arranged by Dr. Teng-
strom to Uppsala. The object
of the trip was to view the
light source end of a 20km
test base line, over which Dr.
Tengstrom has been determining
refraction effects over the
line by dispersometer tech-
niques.

The week of meetings were
quite informative in all
phases of EDM, such as EDM in-
strumentation, field proced-
ures standards in EDM, net-
work design, propagation prob-
lems, analysis of data, compu-
tations and theory and calcula-
tion of refraction effects
from meteorological informa-
tion. I found the Symposium
very useful in providing cur-
rent thinking in the use, ap-
plication and limitations of
EDM equipment. Also, several
prototype systems to eliminate
refraction effects in EDM in-
strumentation were discussed.

I was so busy with the ac-
tivities of the IAG Symposium
during the week in Stockholm,
that little time was left for
sightseeing or shopping. I
had a great time; made many
new friends and renewed many

old acquaintances. The talk
went extremely well and much
interest was expressed in the
Automated Astronomic Position-
ing System. The best part of
the whole trip were the 7 days
leave I spent in London:

The London scene was abso-
lutely fantastic. I spent 6
of the 7 days just shopping
and sightseeing. I found that
it is impossible to see London
in a week, in fact, it may be
impossible to do it in 2 or 3
months. I had an absolutely
superb time, however, my poc-
ketbook would not support my
lavish tastes. I guess "the
old Indian is riding his buf-
falo" again. The seventh day
was spent on a very profitable
side trip to Hermitage and the
Royal Engineers "School of
Military Survey". Oh well, it
was an experience I will never
forget.

I do have a couple of gener-
al observations. The first is
that given the chance, I would
do it again. Second, the
price of many things are much
more expensive than in the
United States. I found food
to be the most single expen-
sive item - a decent "nothing
lavish" meal cost a minimum of
\$8.00 in Stockholm, and \$5.00
to \$6.00 in London. The beer
was great in the London Pubs.
Love those warm "bitters."

My only question is, when is
the next trip??





Thru The Transit

HAPPY BIRTHDAY - to the Navy - a proud service with a strong tradition and a history of achievement by rugged individualists. Here is a photo of a representative navy student. Note the well kept beard.



Distinguished Graduate

Note elsewhere the photos of our women. The Navy guards our frontiers, and must continually find new ways to use its good people to best advantage. At DMS we are proud to help.

TRANSITION - later this week we will welcome our new DMA Director, VADM Cramer, and also say farewell to the best flight leader I know, MG Breedlove, the Deputy Director of DMA. We are showing a photograph of Vaughn Nelson's magnificent model of General Breedlove's own fighter plane which was recently presented.

We welcome the Admiral aboard, and for the General, best wishes for continued success. BETWEEN THE LINES. We are all curious about whether or not people really read The Contour - so last issue we conducted an experiment. How many of you readers read far enough to learn that Jack Herring's real purpose in stopping in England was to visit our counterpart, the School of Military Survey? This bonus, plus the valuable contribution he made in Helsinki, justify the trip and highlight the importance of international travel - which must be approved by the Di-

rector of DMA. We must make the most of our travel - and of course we should enjoy every opportunity afforded. Jack will have more to report later on the School visit. WOULD YOU BELIEVE A SHAVING PROFILE? The bearded person shown in the last issue has a beard he doesn't want! Yet today he hasn't got a beard - the doctor says he must have! NO, Jackson is not a sailor as some suspected. He is a land combat type with a shaving profile! Only the doctor can shave him - and it really hurts then, so he lets it grow back. Lets look at the real person behind the beard, and remember Abe Lincoln.

NEW MAPPING AGREEMENT - LTC Alshahrani, Saudi Arabia, and Major Majali, Jordan, both just graduated from the MC&G Officers Course and have returned to their countries to start up a military mapping activity. Before they left they shook hands on a mutual agreement on mapping their common border! COL Knipling, the graduation speaker, is alleged to have wondered about how do you map a shifting field of sand dunes! In any case we are glad someone has at least agreed to try, so lets wish our friends the best of luck.

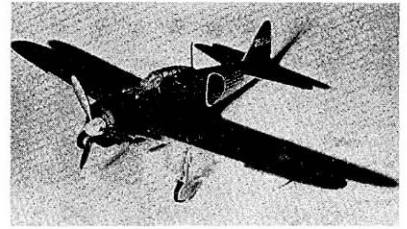
He Puts It All Together

Once upon a time there was a little boy named Vaughn. Looking up into the mountains of Colorado and over the rolling plains of Kansas, he pictured himself behind the controls of an airplane, flying high over the land. Such were the boyhood dreams of Vaughn Nelson and the beginning of his interest in planes.

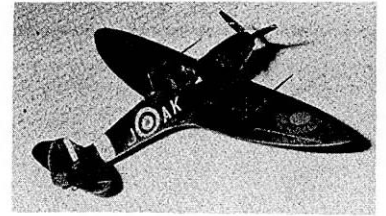
He began building model airplanes while he was in grade school. Little did he know, however, that this pastime would one day become a very serious hobby.

Vaughn arrived at the "Crossroads of life" during his late teens and he found that many important decisions had to be made. The urge to serve his country outweighed any plans for marriage. Therefore, he sought out the United States Air Force only to have his lifelong dream of becoming a pilot shattered. Vaughn was informed that he did not have the superfluous vision required of a pilot. Not to be defeated, he looked a little further and found an even more exciting and rewarding career in the United States Army.

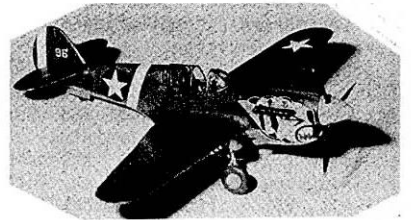
Devotion to his work and travel



brought Vaughn's model building days to an end. But, traveling through Japan, Thailand, Vietnam, Germany, West Africa, the Far East and the United States gave him an opportunity to view fighter aircraft all over the world, some of which he would later construct in great detail.



Ten years ago, Vaughn earnestly returned to the hobby of model building. The aircraft he now builds are exact replicas of the "real thing" including precise detail in coloring, markings, interior detail, scale proportion, etc. In addition to detail, he also becomes familiar with such technical history as the type and use of the aircraft, the number of aircraft produced, performance characteristics, etc. He can also tell you who flew the aircraft - since it



is an exact replica of the real thing - in which theater of operations the aircraft was used and even some interesting sidelights on the personal life of the pilot who flew the aircraft. It can take as long as 18 months to 2 years to build a plane. He has gained this detailed knowledge of planes through international books, magazines and photographs on the subject. As a member of the International Plastic Modeling Society,

(Continued on Page 8)

Dear Editor,

In the 9 August 1974 issue of The Contour, an article entitled "Two Fleas Greet" mentioned the possibility of starting a chapter of the Fleas for women. In fact, it stated "The club is now limited to men only ... there will be a woman's Flea Club." Well, our question is this: WHEN? We have waited long enough! Perhaps the two E-8s mentioned in the article do not feel the genuine need for a female version of the Fleas. In response to that attitude, the following is offered:

Why shouldn't women become fleas? We have the best qualifications for membership. After all, do you know of anyone who causes an "itch" better than a woman? And, isn't it the real purpose of a flea to cause a never-ending itch?

The article also stated that to be a flea, one must be approached. Now we ask you, women have been "approached" for years on other matters, why shouldn't men approach us about membership in the Fleas? It also stated that the purpose of the organization is to exchange ideas. Have you, in all your years of experience, ever met a woman not willing to exchange ideas? In fact, we women generally cannot be kept from exchanging our ideas, even when they are not wanted. The North American Grand Imperial Dragon seems to be having difficulty coming up with the initiation questions for women. An investigation into his reputation revealed that he has never had difficulty asking women certain questions before. Men asked women questions of a different nature for years!

It would appear, that the time has come. The women of the world must UNITE!!! If positive action isn't taken soon to see that a DMS chapter of the Women Fleas is organized, we will be forced to launch an all out campaign to alleviate the discrimination being shown women around this School. The exclusive nature of the Fleas can no longer be tolerated. It is a deplorable condition which should not exist. Women can be just as good a Flea as anybody ... maybe even better. Come to think of it, why can't there be an Imperialiss of the Fleas? Answer that for us, if you dare! And, another thing, at least we girls have hair on our heads in which Fleas could hide, and that's more than you can say about the North American Imperial

Grand Dragon of the Fleas!

If one adds the total grades of the two Fleas mentioned in the article, the sum total will be 16. It would seem that a brain with 16 'things' working for it could come up with some initiation questions for women. Perhaps we should divide the 16 by 16, come up with 1, find an E-1, and have him think of some questions. Obviously, this is too difficult a task to ask of two E-8s.

If you, the Editor, or someone else cannot do something about this situation in the very near future, we are going to take drastic action. Bella Abzug will hear about this!!!

(Name withheld)

The North American Imperial Grand Dragon Flea has been queried as to the status of a "Women's Flea Club." When I went to see him during the lunch hour, he was in the middle of a fantastically beautiful string art drawing, but graciously consented to stop and talk. Our interview follows:

Q: How ya doin' Boomer, or should I call you "Imperial Grand Dragon?"

A: Doesn't really matter, I answer to almost anything. What have you got on your mind?

Q: Well, you've been accused of renegeing on your statement in a past issue of The Contour about a women's Flea Club. What have you got to say about that? (At this point, he sat back, gazed thoughtfully at his almost completed string art, cleared his throat and spoke:)

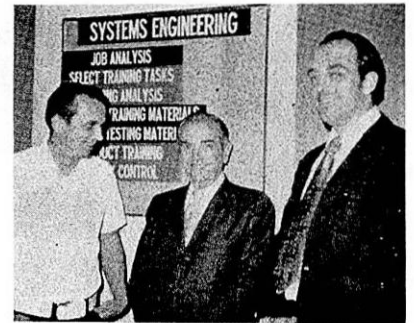
A: You know, this string art really takes time if you want a good product. What we want you to know, however, is that we want a woman's auxilliary to our club, but we're moving slowly and have definitely made some progress. I attended a meeting recently at the semi-annual North American Gathering of Fleas, and I was fortunate to be able to be placed on the meeting agenda, but that's not surprising I guess, seein' as how I'm the NAIGD. Anyway, I approached the convention with this women's "arm" thing, I explained that we couldn't hold out much longer; what with the in-roads women are making these days. Well, to shorten the story let me close by saying that I've been given an overwhelming vote of confidence in this thing. I'm to report to a

special committee at the first of the year and they have been vested with the authority to act on my recommendations. I expect that in the next month or so we will approach a few women here in the DMS and try out the initiation questions. I'm not at liberty to discuss the questions here of course, since they will be secret — just as ours are!

Q: I will be able to report then that our original talk about a women's Flea Club was not idle talk?

A: You certainly can! We owe it to our women. Yes! Well ... See you around, huh?

As I left the Boomer was mumbling something about losing count of his nails and having to start over. His nails?



John Meir, Myles Mulholland, and Russ Henderson graduated from Advanced Instructor Training Course on 1 October. John was recognized by his group as the most improved instructor.



No Jim — a compass does not have a big hand and a little hand — that's your watch; and West is left and left is where your thumb sits to the right, and.....



CLASS 1/75 MAPPING, CHARTING AND GEODESY OFFICER COURSE

TOP ROW: 2LT Wendall W. BUSCH; CPT Terrance E. COONEY; LTC Morayyee AL-SHAHRANI; 1LT Lusiense B. LUBIKU; CW2 Leo J. SIMARD; CPT Stephen M. FEIGENBAUM; CW2 Raymond COLLINS.
 MIDDLE ROW: CPT Kenneth R. COCHRAN; MAJ Rafat D. MAJALI; CW2 Lwesa NTAMBWE; MAJ Thomas B. RUSSELL; 1LT Marsha M. KILLAM; LTC Ronald A. WALTON
 BOTTOM ROW: CPT Richard P. PAYANT; 2LT Adria A. HERNANDEZ; 1LT Wanda G. STAHL; 1LT Thomas J. GALLI.

MC&G Luncheon

Class 1, FY 75, of the Mapping, Charting and Geodesy Officer Course (MC&GOC) was graduated on the 27th of September. This class, the fourth to be graduated from the School, had many firsts: it was the largest class graduated -- 23 people; it had more women officers than any previous class--3; it had more Allied officers than any other class--4; it was the first all Army class; and it was the first class where some of the graduates will return to their own countries to begin their own mapping agencies.

The graduation exercise, with 63 people attending, was held at Mackenzie Hall. COL Louis H. Knipling, Chief, Land Combat Division, Defense Mapping Agency, was the guest

speaker. He spoke to the graduates about their personal decisions in the future with respect to command and staff duties; technician versus general officer duties; self improvement methods; concentration on management; and the advantages of joining professional societies. After the address, COL Knipling presented the graduates with their diplomas. LTC Ronald A. Walton was the Distinguished Graduate. Honor Graduates were CPT Stephen M. Feigenbaum and MAJ Thomas B. Russell. The Allied Distinguished Graduate and Honor Graduate were MAJ Rafat D. Majali (Jordan) and LTC Morayyee Alasahrani (Saudi Arabia), respectively.

BG Fallu Une Sumbu from the Zaire Embassy was a special guest at the occasion.

This graduation ceremony, the best ever, was arranged by MAJ Boyd Baxter and CW3 Joseph D'Allesio. Job well done!

Changes In DMS

There have been a number of personnel moves made recently within the DMS. LTC Anderson has assumed duties as Chief of the Topographic Sciences Division. LTC McIntosh is the new Chief of PRT and Acting Deputy Director until such time as Lt Col Mackenzie (USMC) comes aboard in late October; Major Boyer is now occupying the Course Content Coordination position in PRT, with an additional duty as Acting Chief of PRT. There have also been some changes with the EM.

NAVY A PROUD 13 October
 BIRTHDAY TRADITION 1974



LI-1 FREDDIE GREEAR



ENS. DEIDRE GOULDING



LI-1 EDWARD ADAMCZAK

THE

NAVY

DMS

A HAPPY

BIRTHDAY



LI-3 NANCY GATES

A Navy wide celebration of Navy Birthday/Navy Day 1974 will be observed 13 October 1974, in honor of the 199th Anniversary of the United States Navy. The theme for 1974 is NAVY BIRTHDAY - "A PROUD TRADITION." As 13 October falls on a Sunday, the start of Navy Birthday weekend will commence on Friday, 11 Oct 74.

The entire "Navy family" - those on active duty, dependents, reservists and retirees - is invited to attend the keynote Navy Birthday ceremony at the Washington Navy Yard to be held at 1200 hrs, Friday, 11 Oct 74.

The Defense Mapping School will observe Navy Day with a special ceremony which will take place in Bagley Hall early on 11 Oct 74, for all of our Navy people and friends. This will allow DMS Navy people to attend other Navy functions. Happy "Navy" Birthday!

N A V Y L I N G O



• CARRY ON •

While the order "Carry On" now means only to proceed with any duty, it was originally a specific order not to shorten sail, but to carry on all canvas the ship would stand unless stress of bad weather dictated otherwise.

© C.W. WINDAS, 1954



• SICK-BAY •

Ship's hospitals were originally known as "Sick Berths", but as they were generally located in the rounded sterns of the old battle-wagons, their contours suggested a "bay", and the latter name was given them.

© C.W. WINDAS, 1954

• CAPTAIN •

This naval officer receives his title from the old word CAPUT (meaning Chief), a name of great honor among the ancient Thanes.



© C.W. WINDAS, 1954



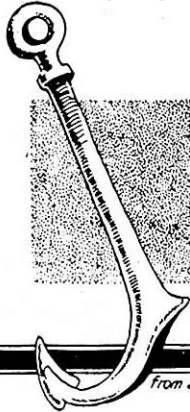
• FORECASTLE •

This name (fo'c'stle to you) for the crew's quarters, is a relic of the days when huge wooden castles actually were built on the fore and after ends of ships, from which fighting men could throw spears, arrows, stones etc., onto the decks of an enemy.

© C.W. WINDAS, 1954

• ANCHOR •

Anchors received their name from the ancient Greek word meaning "crook or hook", and old Grecian anchors were actually in this crude form.



from an old print

© C.W. WINDAS, 1954



• SQUARED AWAY •

When you use this expression for putting yourself into a posture of offense or defense, you are borrowing a phrase which described a square-rigged ship bracing her yards to run away before the wind.

© C.W. WINDAS, 1954

• PILOT •

From two Dutch words "Peil" (to mark with pegs) and "Loth" (lead), strangely enough the name was conferred on persons who could navigate a vessel into port without the use of the "Peil-loth" (lead line).



© C.W. WINDAS, 1954



DEPARTMENT OF THE ARMY
UNITED STATES ARMY ENGINEER SCHOOL
FORT BELVOIR, VIRGINIA 22060

IN REPLY REFER TO:


ATSE-AC

30 September 1974

SUBJECT: Letter of Appreciation

Colonel Maurice K. Kurtz, Jr.
Director
Defense Mapping School
Defense Mapping Agency
Fort Belvoir, Virginia 22060

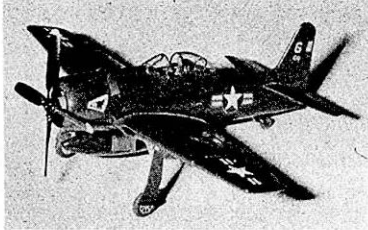
1. The United States Army Engineer Center Army Community Service (ACS) initiated a program to obtain supplies for its Emergency Food Locker Program. This drive will help meet the emergent food needs of military families.
2. Through the generosity of members in the Defense Mapping School, \$1,082.75 and sufficient food to prepare 30 food packages, each sufficient to meet the needs of a family of four persons for a three-day period, were raised and donated. The Commanding General and ACS gratefully acknowledge this contribution and express their deepest appreciation.
3. It is with pleasure I am able to add my appreciation for the outstanding support given by the Defense Mapping School. This enthusiastic participation is indicative of DMS's active role and sincere interest in Post and School activities.


JAMES A. JOHNSON
Brigadier General, USA
Assistant Commandant

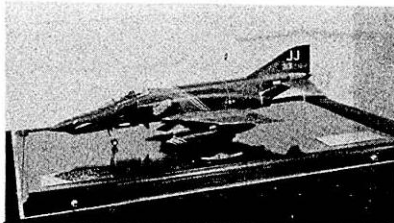
*To all people
in DMS -
Thank you
1/4/74*

(Continued from Page 2,
He Puts It all Together)

Vaughn has had a chance to mingle with other "professional" modelers and is presently the editor of Pri-Fly, the publication of the Washington, D.C. IPMS Chapter. Of the hundreds of aircraft he has built, some are on display at the US Air Force Academy.



Vaughn came to the DMS in 1970 and he is now the Survey Technician/Writer for the Survey/Computing Branch. Last month Vaughn was confronted with an interesting project and had a chance to prove his expertise in the model building field. He built a F-4E Phantom, the plane that General Breedlove flew when he was a Wing Commander with the 388th Tactical Fighter Wing. Vaughn studied photographs of the plane to determine the aircraft's distinctive markings and color scheme. Then after several weeks of detailed research and many more weeks of construction, he built an exact and beautiful replica of this plane. A modeler usually spends twice to three times as many hours on research as he does in the actual construction of the model. The model was then presented to the General who sent a "thank you" note to Vaughn which stated: "The most exact model of the F-4E I have ever seen, an exact replica of the one I flew in South East Asia."



Although Vaughn has several thousand model kits, some which have appreciated in value to several hundred dollars apiece because of their rarity, he is now building a tank. I suppose with his imagination, capability and ingenuity, he could just about put anything together.



Whenever Vaughn retires, modeling will be very much in his future since he hopes to open a hobby shop of his own.

(Continued from Page 1,
CMSGT John D. Turner)

closed in July 71. From the 2nd RTS he went to the Cartographic Technical Squadron, March AFB, CAL. where he remained until his assignment here at the Defense Mapping School.

John arrives here accompanied by his wife Fern and daughter Karen. His daughter is enrolled as a junior at Hayfield High School. He also has a son, Randy, who is attending Northeast Louisiana State University in LA. We are sure that John will be a fine inspiration to all of us. We here at the DMS and the Cartography Division welcome he and his family and hope that his tour of duty will be a rewarding one.

New Basic Carto Course

By Glenn Swarthout

On 19 September a group of 24 students moved into room 213, Wheeler Hall to begin a revitalized and revamped course in basic cartography for beginners. This course replaces two previous courses, Map Compilation and Cartographic Drafting and is 82 class days in length. One of the prominent features of this new course is the 75 hours devoted to understanding and learning to use aerial photography.

In addition to guiding the students through the standard processes of compilation, revision and color separation, various products are used to convey the processes to include mosaics, city plans and special products designed for a specific purpose.

The first group of students to attend this course includes Active Army, National Guard, Marines and civilian employees of DMA Hydrographic Center. Students from DMAHC will attend designated portions that apply to their area of interest.

(Continued from Page 1,
Mr. William (Bill) Revelle)

tant to the commanding officer in exercising command supervision of the operation of the Laboratories and the conduct of in-house studies on methodologies and techniques involving interpretation of air photos, radar and infrared imagery. He was also a principle member of several select committees and working groups dealing with activities in the Military Geographic Information/Documentation field.

His most recent assignment was as the Chief, Topographic Sciences Team, Environmental Sciences Office, Office of the Chief of Research and Development, Headquarters, Department of the Army, where he served as the scientific and engineering specialist in Topographic Sciences with the Army General Staff responsible for research, development, test and evaluation programs in all aspects of mapping, geodesy, military geographic intelligence, field army surveying and point positioning for the Army.

Bill has a B.S. in Civil Engineering from Clemson University and a M.S. in Civil Engineering from Purdue University where he majored in air photo interpretation and minored in surveying and mapping.

He is a member of the American Society of Photogrammetry.

With this outstanding background, Bill will be an asset to both TSD and the School. Bill, welcome aboard!



SGT Bill Allison receives a bench mark plaque and a Certificate of Achievement for outstanding performance of duty as an Instructor, from Major Ramirez, Chief of Carto Division. Bill departed DMS on 27 September with ETS Orders to his home in Williamsport, PA. Bill will be working for the Pennsylvania State Highway Department. Thanks, Bill, for a job well done and much success in your civilian endeavors.

3 Pins Officers' Victory

by Ed Marcy

The highly advertised, long-awaited First Annual Officers-NCO Scratch Bowling Championship was one that, from the viewpoint of being close, exciting, and fraught with tension, will probably never be equalled. Through 30 frames the teams were never more than 65 pins apart and, in the final 6 frames, the lead changed three times.

Every ball thrown in those final six frames was known to have the potential of victory. In retrospect, this was true of every ball thrown in the entire match as, after the final ball, Dave Stitt (the official scorer) tallied 2588 pins for the officers; 2585 for the NCOs; a margin of one-tenth of one per cent!! Such an infinitesimal difference equates to pro basketball teams winning by 1/25th of a point (if such hair-splitting scoring was possible).

Led by Chuck Rottman's 192, the officers got off to an early lead and increased it to 54 pins by the 5th frame in the first game. Dave Cook's 193, combined with 2 split conversions by Don Roberts, kept the game close with the officers winning by 37 pins. Both teams experienced difficulty in stringing strikes, with Jim Hey posting the day's initial triple in the last three frames. (It would have been four straight except for an amazingly stubborn 6 pin which he moved at least 16 inches off spot without knocking it down.) The officers again opened strong in the second game, extending their lead to 64 pins by the 6th frame on the strength of 4 straight strikes by Bruce Broussard. As in the first game, the NCOs stiffened in the late frames. "Duke" Braswell and "Cookie" Cain doubled, reducing the margin to 43 at the end of the 8th frame. The final two frames resulted in 203 NCO pins to only 136 for the officers, thus evening game scores at one apiece and giving the NCOs the total pin lead of 24 ----- 1763 to 1739. Dave Cook's 223 won the day's individual high score

FLASH

There is a new addition in the Kelso Myers family. A bouncing (almost walking already) 8 pound baby boy who was born on 30 Sep 74 at approximately 1730 hours at DeWitt Army Hospital. Congratulations from everyone here at DMS.

honors as the NCOs piled up 947 pins in the second game; 189 average a man.

Riding high, the NCOs increased their lead to 36 in the first frame of the final game. This turned out to be their high point of the day. By the end of the fourth, in spite of doubles by Braswell and Cruz, the officers closed the gap to 6 pins based on 13 straight fills. Then Marcy came alive, posting his first double of the day and running to 5 straight strikes. This moved the officers into a 13 pin, 5th frame lead, which varied between 9 and 16 pins through the 8th frame as both teams refused to give ground. The tension was so intense that even the spectators were spell bound. Dick Zieres, for once, had little to say as bowler after bowler filled almost every frame. The ninth frame was a credit to both teams with only a split by Cain marring all fills and clutch doubles by Cruz and Rottman. Suddenly, the final frame was upon both teams. The mark score showed the officers leading 40-37, thus estimating a 30 pin game lead. "Mac" McHale reminded all that the NCOs had begun the final game with a total pin lead of 24. His lightning like mathematics revealed that the officers possessed about a 6 pin lead. (In reality, closer to 14 pins although nobody knew it because first balls which impacted ninth frame totals had yet to be thrown). Duke Braswell struck for the NCOs and Marcy blew his spare, reducing the officers lead to just 3 pins. Cain struck and Jim Hey blew his spare. SCORE: NCOs 2559-Officers 2552, with all three remaining NCO bowlers working on 9th frame strikes and only Rottman of the remaining officers so endowed. Nothing short of an "act of God" could stop the NCOs now..... well.....it was at this point that Colonel "Monk" Kurtz arrived to preside over the post-game ceremonies. One has to wonder about that nickname as he unobtrusively and quietly stood with the hushed crowd. His computer like mind instantly surveyed the mathematical and physical odds and a minor frown creased his features. As Rick Cruz released his ball, it is rumored that Monk's eyes raised on high; his lips moving as in prayer, and his fingers gently caressing the Engineer buttons on his immaculate uniform. SPLIT!! However, Bruce Broussard was unable to capitalize on this fantastic fortune as he too blew his spare. Still, the NCOs led by 7 with only two bowlers

left. Dave Cook, averaging 200 in the first 29 frames and working on a 9th frame strike, delivered a wood crunching, pin splintering, pocket hit. As Dave's ball unerringly moved to its intended target, word has it that "Monk" again gazed skyward with calm assurance. SPLIT!! The unnerving, inexplicable 8-10 strike split which is responsible for more than a few superb bowlers' admittance to local funny farms. Chuck Rottman's ball also "tapped", but he converted his spare, giving the officers a 5 pin lead. Two determined anchor men prepared for their final efforts. The only sounds one could hear were the frantic gulping of free beer, "Jake" Jacobs mumbling "what a match - what a match - I can't stand it," and a barely audible whisper emanating from COL Kurtz's pursed lips (it sounded like Latin to some). Jim Harnden's ball skidded, leaving a difficult three pin conversion, while Don Roberts carried 9 on what, for the third straight time for the NCOs, could have been a game winning double. Officer hopes were dashed as Jim, like Marcy, Hey and Broussard before him, failed to convert, leaving one pin on the alley. The now 3 pin lead was sure to disappear as Roberts concentrated on his 10 pin spare. He had missed only 4 of 24 spare attempts so far.....and 5 misses of 24 tries is still darn good bowling.

To this day, nobody will ever convince those witnessing that unbelievable 10th frame, that the boss' unique nickname doesn't connote friends in very, very high places.

It was a hell-of-a match, with the composite average of all bowlers equalling 172.4 pins.

BOX SCORE:

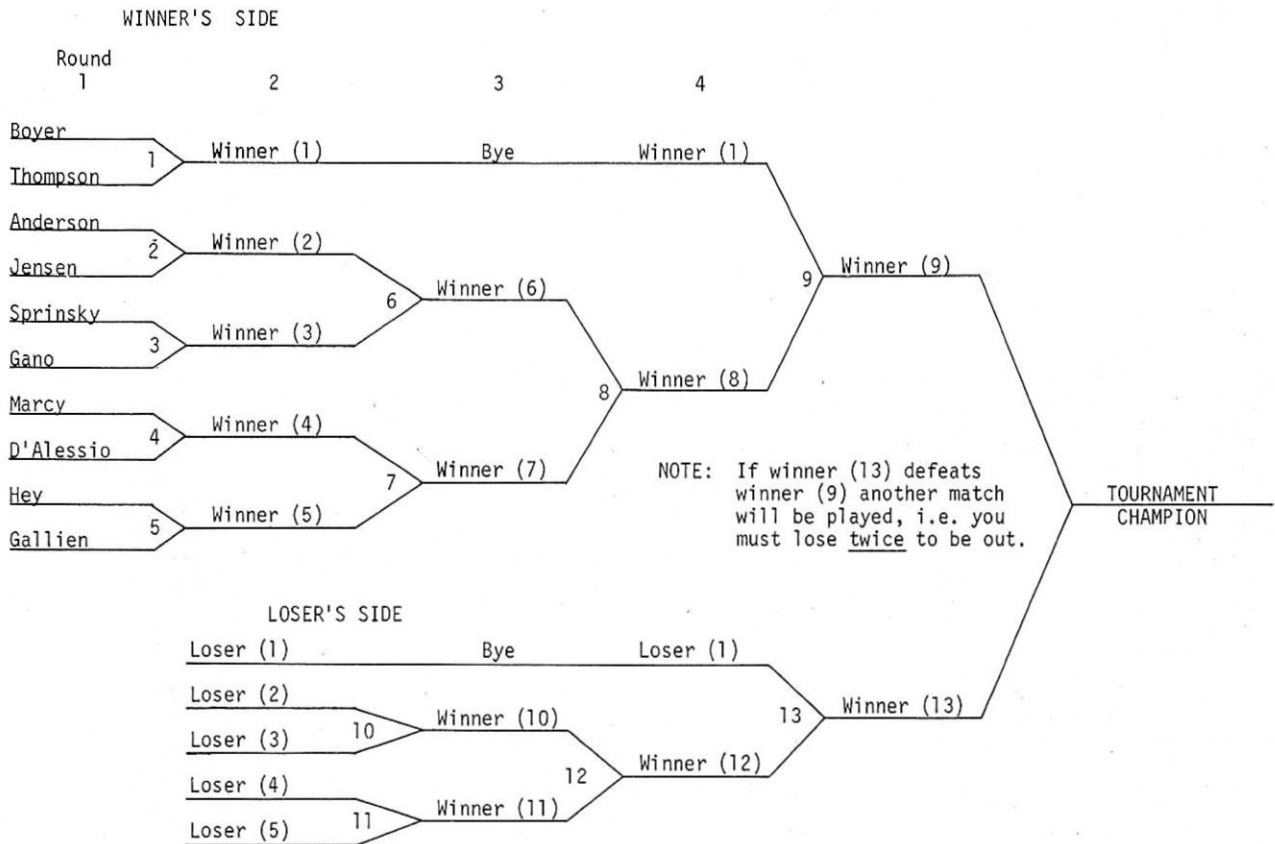
	1st	2nd	3rd	TOTAL
NCOs	816	947	822	2585
Officers	853	886	849	2588

NCOs

Braswell	143	- 190	- 147	= 480
Cain	148	- 205	- 146	= 499
Cruz	159	- 172	- 181	= 512
Cook	193	- 223	- 177	= 593
Roberts	173	- 157	- 171	= 501

OFFICERS

Marcy	168	- 179	- 211	= 558
Hey	187	- 166	- 147	= 500
Broussard	136	- 202	- 153	= 491
Rottman	192	- 152	- 170	= 514
Harnden	170	- 187	- 168	= 525



DMS Double Elimination Tennis Tourney

Regular season tennis play closed with a flurry of activity. Fritz Boyer verified that he belongs at the top of the ladder by thrashing both Sam Thompson and Jerry Anderson. Ed Marcy, easily the most active player on the circuit, continued his charge to the rear by getting beaten by John Gano, Mike

Springer, and Jerry Anderson. Marcy philosophically grumbled something about not being able to appreciate the top if you have not known the grief of the bottom.

Tournament play will begin immediately. All players start on the winners side, move to the losers side after one loss, and are

eliminated if they lose again.

Tournament play should be completed by the third week of October. The winner will receive a fantastic trophy and will have his picture prominently displayed on the front page of the Washington Post. (Would you believe The Contour?)



SMSgt Frank Cates, Sr. Instr. Supervisor of the Cartographic Compilation Branch, retired from the USAF 20 September 1974 after serving more than 26 years of honorable service. Frank was born in Corning, Arkansas and after his basic training at Lackland AFB, Texas, started and ended his military career at Fort Belvoir, VA.

Frank's assignments have taken him to such places as Forbes AFB, Topeka, Kansas; Shaw AFB, South Carolina; Hill AFB, Utah; Barksdale AFB, Louisiana; Langley AFB, VA.; and a tour each in Germany and Japan.

For his outstanding service at DMS, he was awarded the Joint Service Commendation Medal at the retirement ceremony. His wife, Anna, was presented a Certificate of Appreciation for her untiring efforts during Frank's career.

The Cates have one child, a daughter living in Florida. Being a most energetic type Frank only retired from the military; he has been working at his new job in



Thru The Transit

HAPPY BIRTHDAY! The Navy contingent of DMS celebrated its 199th Anniversary last weekend. Did you know that a sailor discovered America? Did you know that the first American "MC&Ger" was a black sailor named Nino who was navigator for Christopher Columbus?

During the period when we recalled the proud tradition of the Navy we had a chance to discuss VADM Cramer's recent visit and his emphasis on missions and weapons systems support. As a former skipper of the ballistic missile submarine Patrick Henry, he was well aware of the Navy's role in the strategic deterrent triad, which also includes ground based missiles and manned bombers. Let us not forget that the Navy also maintains control of the sea, enables the US to project combat power ashore, and maintains a naval presence in those geographical areas of national interest.

TRANSITION. Last Friday in a component luncheon at DMATC we said farewell to MG Breedlove, the Deputy Director of DMA. As you know he is getting a command in Panama. Don Light and the staff composed a letter thanking him for his staunch support of the School during its formulative stage. MG Breedlove was instrumental in obtaining guidance on the mid-range training objectives of the School. LTC McIntosh had prepared a special cockpit navigation device, a mounted plumb-bob which, when pointed down, shows a pilot which way is up. This valuable aid is presented only to the most important people in the Air Force who can appreciate what deflections from the vertical do. MG Breedlove's survey marker paper weight was inscribed "Pathfinder" for the best Flight Leader we know. We wish him the best of luck.

THE DIRECTOR'S VISIT. In this issue are several photographs of our new skipper getting some hands-on experience with the DMS staff and faculty. He enjoyed a very fine briefing by the Technical Director and the Teaching Division Chiefs. The Admiral also made it a point to talk to as many DMS people as possible

during his tour. Also many students were pleased when the Admiral joined them in close quarters to try out some instruments himself. VADM Cramer, who typifies the DMS motto "People First," indeed will take DMA a long way.

Editors Note

The DMS Contour, even though a very young paper, is a well established paper within the DMS and the MC&G community. This status could only have been achieved by hard work and people that are really interested in its existence. From the beginning, the paper had to be a success. When the staff was told a paper would be published at DMS, even though they had no knowledge along this line, they did not ask how, but when. It is amazing how fast things began to happen - a phone call here and there, some advice accepted, some ignored, and in less than five days, a 10-page paper was produced. Since then a bi-weekly schedule has been attained.

Apparently, everything was done pretty close to right, as DMS has received many compliments on the paper and the human interest it relays. At the start, it was agreed that official publications would reach the people by other means; this paper was to be by the people and for the people of DMS - in other words, "a people paper." After only six editions, it has been proven that the paper has already accomplished many achievements: first, the community has become more aware of DMS; secondly, many people at the School have come to know each other and understand their individual feelings through the outstanding "people" articles published in the paper.

Also, this paper has surfaced many individual talents not previously recognized by the individual with the talents or by DMS.

The cooperation received by the Editor and Staff so far has been outstanding. The many, very fine articles have been 'people oriented' and well written and of interest to all of DMS.

So, many people deserve much credit. Attempts to name each individually would be difficult because of wide participation, but let it be known here and now, the assistance is deeply appreciated and all concerned should have the feeling of self-satisfaction for a job well done.

The Contour apparently has a much wider dissemination than most of us realized. Requests have been received from outside the MC&G community for all previous and future copies.

Three articles have been circulated for possible publication in other military papers and magazines. They are:

Sky Diver

(Ensign Goulding)

Uncle Sam Drafts Again

(Black Widow Spider)

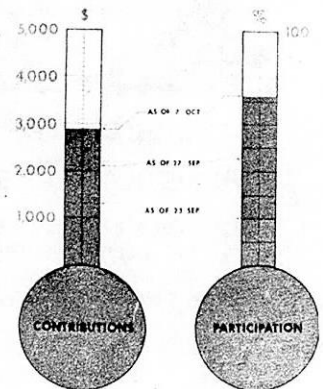
Three Receive Unique Award

(Alabama Commendation Medal)

All of these articles were written by DMS people with no previous experience in writing.

In order to maintain the present status, the personal interest must continue and all of the DMS people should take part in such an outstanding paper. One doesn't have to submit an article in typewritten form. Write the facts in longhand and if you have any problems with composition, the Staff will assist you or even write the article for you.

19 SEP - 4 NOV 1974
DMS GOALS:
\$ 4,200 - 100% PARTICIPATION



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 Department of Defense.

Address all communications to: Editor, 'CONTOUR', Defense Mapping School, Fort Belvoir, VA 22060

Director: COL M. K. Kurtz, Jr.

Editor: CW3 R. L. Lesinski

Assoc Ed: Carla Davis

Congratulations



Major Ramirez, Chief, Carto Division, presents SGT Howard Lucas, Construction Drafting Branch with a Letter of Appreciation from DMS Director, COL Kurtz. Luke was cited for his professional art work and willingness to work long and extra hours over and above his Instructor duties in creating the Fort Belvoir Map that was presented and received so well by our retiring DMA Director, LTG Penney. Congratulations, Luke, for a job well done.



SGT Bill Snyder, Construction Drafting Branch, receives a Certificate of Achievement from Major Ramirez, Chief of Carto Division, for his outstanding performance of duty as an Instructor during the period April 1972 to September 1974. Bill reenlisted on 13 September for 4 years and will remain as an instructor in the Construction Drafting Branch. Congratulations, Bill. Keep up the good work.

The BOOK-worm



H - E - L - P !! I am trapped beneath the stacks of new magazines which have begun arriving in the DMS Tech Library located in PRT. My squirming abilities are failing . . . the "wiggle" is gone . . . no air comes down this far . . . Oh NO, there comes another magazine . . . Come on now, won't you help the little Bookworm out of his dilemma? Lend him a hand by removing some of those magazines and taking them to your office to read for a week or so. They are for your use, you know. They can be checked out by all DMS personnel. Want to keep up with the latest 'happening' in your field? Then, this is the way to do it.

Approximately twenty-eight magazine subscriptions have been ordered for the Library. This list is a compilation of requests and general demands from the teaching divisions in DMS. Photogrammetric Engineering, Graphic Arts Monthly, and The Military Engineer, are but a few of the excellent periodicals currently on hand; many more are to come!

Why not wander down to the Tech Library, and browse around a bit? But, do be careful . . . don't step on our little friend. He could be somebody's Father.

Tennis Tournament Update

by Sam Thompson

Extensive study has revealed that normally double elimination tournaments are not published in advance beyond one or two rounds. Why? Because the alternatives become so numerous. For you computer programmers, "if" statements would be required.

To solve this dilemma and to rectify the erroneous ladder published in the last Contour. All participants are urged to report the results of their matches to Sam Thompson (46811/42978). He will record the results, update the ladder and inform you of your next opponent. The general philosophy is that your opponent will be the man nearest to you on the ladder or of nearly the same ability. Good luck!

Navy Day At DMS

COL Kurtz and many of the DMS people attended a ceremony at 0730 hours, 11 Oct 1974, to celebrate the 199th Birthday of the Navy.

The Director gave a short speech, noting some of the many facts accomplished by men and women of the Navy. Also, he brought out some facts pertaining to the history of the U.S. Navy's role in navigation, exploration and mapping.

Carla baked blue cup cakes for all of our Navy people, students and staff alike. Unknowingly to the Director, George had lit the candles prior to the Colonel's arrival. Immediately after COL Kurtz's verbal observance, he requested that the candles be lit. The candles had been lit but had burned out. He was told the candles have been lit, again. He said "light the candles!" Upon his second request he was given a cup cake, looking like a hand made bomb with a very short fuse. The Colonel, being a fast thinker, quickly turned to the audience, cup cake raised to his mouth and said "Lets eat!!!" Moral - George lit the candles too soon or the Director talked too long. LTC Marcy still wanted to sing Happy Birthday Navy.

Congratulations Navy on your 199th Birthday.

(See Photos on next page)

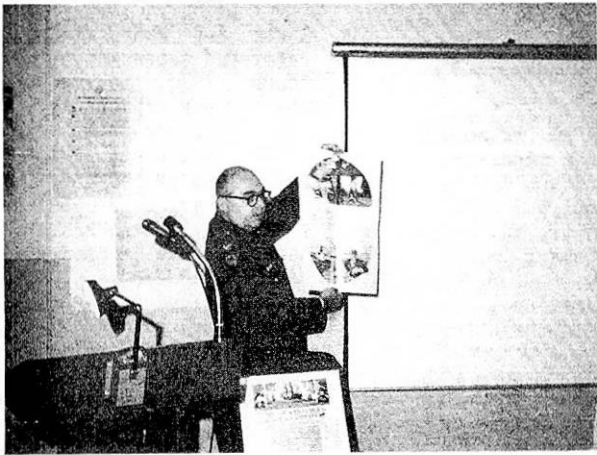


Fisher-Men

The above picture is really not too far-fetched. If these two fishermen ever had the opportunity, they would try it.

(Continued on Page 8)

HAVE YOU GIVEN YOUR FAIR SHARE?



A Proud Tradition.



I wish we could eat!

~~~~~ **DMS NAVY BIRTHDAY** ~~~~~



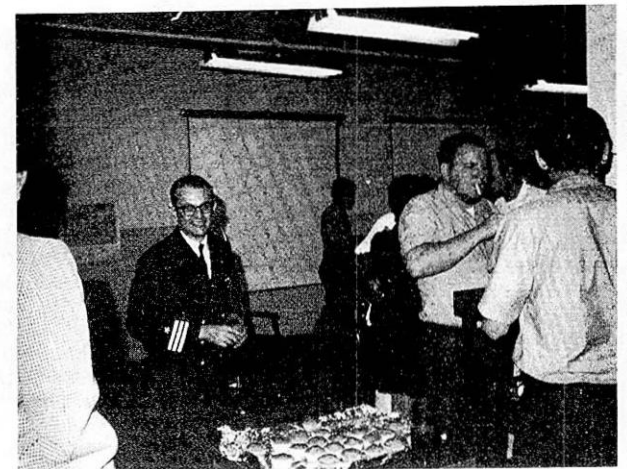
No Singing! — Let's eat.



I baked 'em and I'll eat 'em.



Who baked 'em?



Eating with the EM.





Admiral Cramer is met upon his arrival at Bagley Hall by Mr. Don Light, Technical Director, and COL Kurtz, Director of DMS.



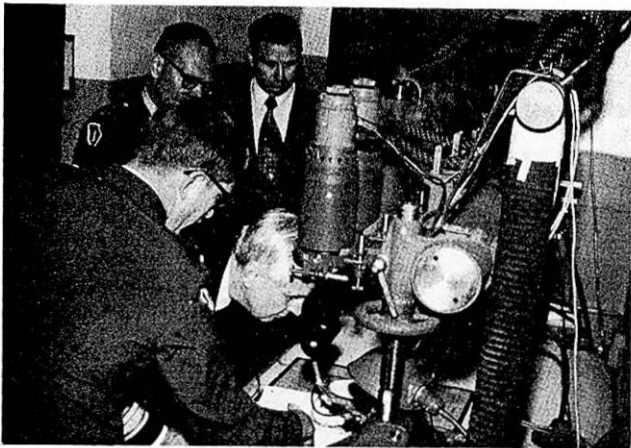
Admiral Cramer meets the Staff members of the DMS (L to R): MAJ Boyer, Mr. Mc Cullough, Maj Ramirez and MAJ Sprinsky.



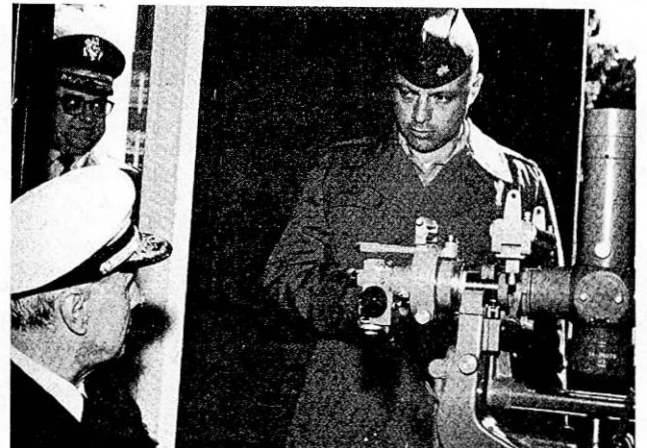
Admiral Cramer at the Jackson Observatory examining the DKM 3A theodolite.



Admiral Cramer and party visit MAJ Sprinsky, Chief, Survey Division, and students of the Geodetic Survey Course in the field.



CW3 Glen Swarthout, Cartographic Branch, instructs the Admiral on the operation of Multiplex.



MAJ Sprinsky explains the instrumentation and procedures for stellar observations at Jackson Observatory to Admiral Cramer.

(Photos by: Mr. George L. Jones, Post Photographic Facility, Ft. Belvoir, VA. 22060)



SFC Jake P. Bernard, Survey Division, is shown operating the APPS.

## APPS Happenings

### EDITORS NOTE:

As mentioned in the article below, some of our DMS instructors will be going on the road again and will travel from coast to coast to teach people of the three Services on the use of APPS. Some of these MTT visits will take DMS people to parts of the Country not previously visited on our previous MTT assignments to active and reserve MC&G units. As a result, it is anticipated that The Contour will follow individual members around the Country and will report on the interesting aspects of our people's trips. So look forward to some articles on MTT visits in future issues of The Contour.

### APPS HAPPENINGS

The Navy has stated that "the APPS exceeds the net accuracy requirements for offset aiming points" and the Air Force has stated that "the APPS meets existing need for exploitation of deployable point positioning data bases." The Army, in like manner, is also high on APPS capabilities. Since the three Services are now being equipped with APPS, a critical need exists for training. This is where the DMS steps into the picture.

The development of a course on the APPS is underway by a joint committee composed of LTC B. W. Mc Intosh (USA), MAJ L. G. Thompson (USA), Capt J. E. Jensen (USAF),

ENS D. Goulding (USN), CW3 L. Parker (USA) and MSG C. W. Locke (USA). The DMS target date for completing the course content is 4 Nov 74 with a prepared mission for Mobile Training Team trips beginning on or about 5 Nov 74.

In seeking information about specific training needs around which to mold the course, DMS people visited the Naval Intelligence Processing Service and the USAF 366th Tactical Fighter Wing. To absorb training techniques and data available within the APPS community, fact finding visits to DMATC, DMAAC and the Engineer Topographic Laboratory were made. We will incorporate the materials as well as training requirements obtained during these visits into the Course. As designed, the contents fall in subject areas of analytical photogrammetric theory, APPS assembly and disassembly, operators maintenance and overall operation of the APPS. In addition, we will present some specific training as tracks for the different Services. At present, it appears that the entire course will be about five days in length. Forecasted MTT trips on the APPS will take the DMS instructors from coast to coast — Key-West to Washington State — but that is the name of the game.

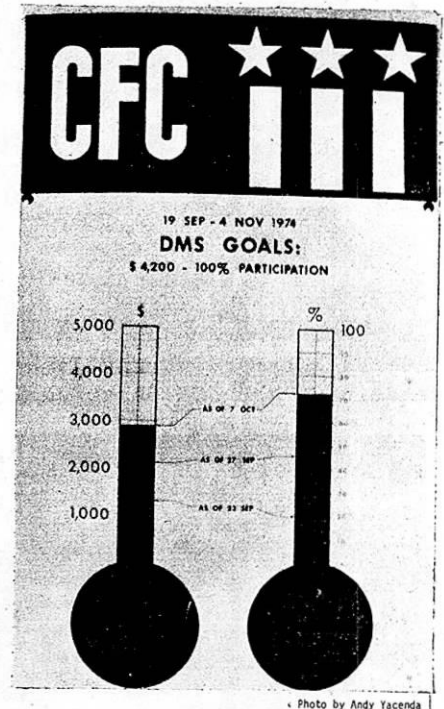
APPS is the acronym for ANALYTICAL PHOTOGAMMETRIC POSITIONING SYSTEM, the MC&G tool of the future.

## CFC UPDATE

The CFC drive at DMS is beginning to draw to a close with only 17 more days remaining in the 47 day campaign. As can be seen in the figures and graph, we are nearer our goal of \$4,200. So let's get together and get 100 per cent across the board. The Contour will publish the updated results of the campaign in the next issue on the 1st of November.

|                   | 23 Sep    | 29 Sep    | 2 Oct     |
|-------------------|-----------|-----------|-----------|
| # of Contributors | 38        | 78        | 137       |
| % Quota           | 31%       | 46%       | 68%       |
| Avg Gift          | \$34.25   | \$24.59   | \$21.13   |
| Total             | \$1301.50 | \$1918.50 | \$2896.00 |

Can't you spare 2 or 3 dollars a month?



## The 8-Second Man Leaves DMS

by Bob Jackson

Who is the man burning up the tracks from here to Connecticut? It's SP5 Richard J. Olson racing his B dragster down a quarter mile track at such record breaking speeds as 150 miles per hour or 1320 feet in 8.87 seconds. (Continued on Page 8)

(MG Breedlove continued from Page 1) Control and Warning Squadron at Kimpo, South Korea, where he flew a total of 39 combat missions. After that war he served in tactical fighter and fighter bomber assignments in the U.S. and Germany and in HQ, US Air Forces in Europe.

Following duty on the Air Staff from 1957 to 1962, General Breedlove graduated from the Armed Forces Staff College. He next spent 3 years at Randolph AFB as an operations officer and later Director of Operations. In Jan of 66, he went to England where he attended the Imperial Defence College in London. Following that assignment he was assigned as a special assistant to the Deputy Chief of Staff, Operations, Headquarters, Third Air Force at South Ruislip. He later became Deputy Commander of Operations, 81st Tactical Fighter Wing at Bentwaters. He assumed duties as Director of Readiness Inspection HQ, US Air Forces in Europe, Lindsey Air Station, Germany, in Jul 68.

General Breedlove was transferred to Thailand in Jun 69 as Vice Commander of the 388th Tactical Fighter Wing, Korat Royal Thai AFB, and assumed command of the wing in Dec 69. He flew 162 combat missions with a total of 378 flying hours in the F-4E Phantom II aircraft.

In Aug 70 General Breedlove was assigned to the 3500th Pilot Training Wing at Reese AFB, Texas, and assumed command of the wing in Oct 70. He became Deputy Chief of Staff, Operations, Air Training Command, with headquarters at Randolph AFB, Texas in Apr 71.

Among his many decorations and awards, General Breedlove is holder of the Legion of Merit with one Oak Leaf Cluster, Distinguished Flying Cross, Bronze Star Medal and Air Medal with nine Oak Leaf Clusters and several decorations from the Republic of Korea and Thailand.

General Breedlove is married to the former Mary Ann Gossett of Franklin, KY. They have one daughter, Mary Monti.

General and Mrs. Breedlove plan to depart for Panama in the latter part of October.

(DMS Visits NYC continued from Page 1)

erations, tape equipment operational procedures, record guest speaker presentations and improve instructor performance by using the playback ability of the equipment.

This course was designed to bring industrial and government video users up to date with the latest equipment, software and production

techniques. The course included workshops in Program Analysis and Evaluation, Problems of the On-Going Video Operation and an "Eyes on Production" workshop which included a live demonstration of how a multi-camera, low-budget color program is produced.

A bonus during the trip - Dee also attended "Video Expo". Here exhibitors representing all of the hardware and software producers displayed their latest technology.

Also attending the course with Dee were representatives from such corporations as: Lord and Taylor, Ford Motor Company, Xerox, Coca-Cola, etc. These participants, in workshop committees, discussed such problems as long range planning for video production and applications for the small single camera users as well as the big production corporate users.

All in all, Dee says it was interesting and beneficial: "I learned a lot about the 'in-sides' of TV production techniques."

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## Change In Chiefship

by Kathy Kelly

On October 4, 1974 at 4:15 p.m., most of the people of DMS were packing up to go home for the day. Those from Survey Division, though, walked a short distance away from the building and sat near the Observatory awaiting the chance to say farewell and good luck to their old chief, LTC "Bernie" McIntosh.

This combination of Promotion and Change led to a Chiefship Party which gave Bernie the chance to perform a few last duties as Chief. He presented Letters of Appreciation to SFC Charles Clark and SSgt Wayne Gleason.

At the Change of Command Ceremony, LTC McIntosh faced the new Chief, MAJ Bill Sprinsky. He held an orange survey stake in his hand, explaining that it was the "flag of Survey Division." After a few words of advice, he confirmed the transaction that had been effective since 1 October and passed the stake and duties as Chief of Survey Division onto MAJ Bill Sprinsky. Bill in turn presented Bernie with a black-on-silver nameplate.

Before the party broke up, Bernie looked over the crowd of people enjoying their refreshments and munching on pretzels. He told them, "Survey Division is the most fantastic Division in the School. There's nothing it hasn't done and nothing it can't do."

"We just want you to know, Bernie,

that we not only lost a great boss but a real friend, too. You really cared about what was going on in your Division."

Good luck, again, to LTC Bernie McIntosh in your new position and a hearty welcome to MAJ Bill Sprinsky.



## Introducing A New Warrant Officer

by Philip Piel

At 0730 hrs, Tuesday, 15 October 1974, SFC Wayne G. Ethridge stepped from the world of the Noncommissioned Officer to that of the Army Warrant Officer when he received his Warrant as a Map Reproduction Technician.

LTC McIntosh, Deputy Director of the Defense Mapping School and Mrs. Ethridge (Judy) are shown as they pin on the Warrant Officer rank and branch insignia following the swearing in ceremony.

Our new Warrant Officer first saw active military service in 1959 when he enlisted in the US Navy as a Lithographer. In July of 1964 he joined the US Army and performed in the printing and map reproduction field until 1973 at which time he joined the teaching staff of the Defense Mapping School and became an instructor in the Graphic Arts Division.

WO1 Ethridge has served in Vietnam with the 6th Psy War Bn and in Germany with the 69th Engr Co (Topo) and the 656th Engr Bn (Topo). CONUS assignments include service at Fort Jackson, S.C., Fort Bragg, N.C. and Fort Carson, Colo.

WO1 Ethridge wears the Purple Heart Medal for wounds received in Vietnam and has been awarded the Army Commendation Medal.

Best wishes and good luck to Wayne and Judy in their continued stay with DMS.



(8-Second Man Continued from Page 6)

Richard Olson is an instructor in the Construction Drafting Branch, Carto Division. Although his interest in cars and racing goes back to his high school days, Richard has been racing seriously for only the past five years. He began racing in Stamford, Connecticut, his hometown, and has run at tracks in New Jersey and Virginia. Even when he joined the Army in 1971, he continued with this perilous pastime. Most of Richard's weekends and some weeknights are spent working on his dragster or running it at Colonial Beach, or test driving it behind an old factory.

Richard came to DMS in January, 1972. When he ETS's on October 21, he is going to open up a shop in Connecticut with a partner, Lloyd Riley. He'll be an automotive engineering machinist working with vehicles ranging from go-carts to top dragsters.

In the future, Richard plans to become a top name dragster driver. With his ability and knowledge, he'll do it, too.

We here at DMS are sorry to see such an active and hard-working person leave us. We thank you for a job well done and good luck with your shop. Safe racing!!



### "Red Moves Ahead"

On October 1, 1974, former SSG Charles "Red" Clark received his promotion to SFC. Red is an instructor in the Survey/Computing Branch here at DMS. He has been here at the school off and on since 1962, first as a student and then as an instructor from 1968 to 1970 and from 1973 to present.

Red has traveled through Libya, Iran, Ethiopia, Korea and Germany. Besides traveling and teaching, he has a wife and 2 kids to keep him

busy.

Red is a native of Yakima, Washington and enjoys hunting and fishing in his spare time.

Congratulations SFC Clark from the people of DMS.

(Fisher-Men continued from Page 3)

Their fishing exploits seem to never end. Any Friday night or early Saturday morning they can be seen with their boat and equipment headed out to parts unknown for a weekend of fishing and whatever; usually returning home by way of the Club Sunday evening.

There are many tales of their fishing experiences, some may be a little tall, but always interesting. Like that cold winter day Doug claims he dived in after one of the big mouth monsters, turns out, according to Ron, he just fell overboard. Or if you want to hear some real good ones, ask Doug about his run-ins with the game wardens and the FBI students at Quantico. He feels they are all out after him for no reason at all. After checking with Ron, there just possibly could be a reason, or several reasons, they are constantly after him.

I particularly like the one about Doug's new invention. It seems one very early morning in GW Village, the neighbors were jolted out of bed by what sounded like a shotgun blast. Even though being awakened out of a sound sleep, they were not too angry, after seeing Doug standing there with singed hair and scorched face with a smoking, completely ruined vacuum cleaner in his hands, and Ron very calmly explaining that Doug was only trying to syphon gas out of the car for the outboard motor.

Doug and Ron have tried every fishing hole in the state of Virginia. There are rumors to the effect they have even created a few of their own. Also, they have all of the necessary equipment, which is continually being modified to

KEEP THE  
LEARNING  
HABIT



suit their needs. Why people will tear up perfectly good fishing equipment is beyond me.

All along, both have been avid large mouth bass fishermen, but recently Doug has given up. It couldn't be because Billy is always telling them, "in order to catch large mouth, you must be smarter than they are." Doug says he will stick to the small mouth along the Shenandoah for awhile - no other reason.

I have never seen their big catches, nor do I know anyone that has, but I'm sure they do get them as either of them can whip out a handful of photos almost anytime to back up the stories.

Unless you have the patience of a monk and the stamina of a Turk and able to go hungry for long periods of time, my advice is not to tag along with these two on one of their big fishing trips.



### Farewell Rich

SGT Richard G. Hardwick, a native Virginian, received his Honorable Discharge Certificate from the US Army on 13 Oct 74. Hardy, as he was called by his friends left the military in order to return to school, he is now enrolled with Northern Virginia Community College. He was assigned to the Graphic Arts Division of DMS as a very capable Instructor, teaching all classes in the Lithographic Stripping and Platemaking Course. Upon completion of Basic and Advanced Individual Training, he came to DMS in Jan 72, and since, has earned his Senior Instructor Certificate. Also, he received the Joint Service Commendation Medal for his many achievements and efforts.

From your many friends at DMS, best of luck to you and your family.





## Thru The Transit

### HOW ARE WE DOING?

In August 1974 we conducted a survey of all of our civilian employees. This survey reveals ways in which DMS personnel policies and practices are perceived now by a cross-section of our civilian work force. Now that we have some results, we need to undertake a program of self-evaluation and assessment. Our plan of action must include identification of actions needed and a program, with priorities and procedures, to make improvements.

95% of our employees of all grades think that DMS as a school is doing a good job; and 83% think that all of our people are doing a good job and that management has an interest in their ideas. How about that!

On the other hand, only 55% of the people are satisfied with the opportunities for rewards and promotions. Preliminary results from the survey indicate that one of the reasons for this viewpoint is that we are not delegating authority to the lowest level. Unlike the branch and division chiefs, and GS-12s, only 14% of the GS 9-11 and 33% of the GS 5-8s feel that they have been delegated adequate decision making authority and responsibility. Thus there is an apparent breakdown between the supervisors, who say they have enough authority, and their employees. Doesn't it seem that this is an area for intensified effort in understanding each other?

Would you believe that 26% of GS 5-8s do not perceive they're being kept informed on how they are doing, whereas higher grades do feel they are kept adequately informed?! People in the GS 5-8 group also feel that they need to be encouraged to develop skills and abilities and get more training to do the job well. On the other hand, they feel that they are presently using their skills and abilities effectively within our present organizational structure, in that they are getting credit and like their work. What are we doing? Well, 9 of our people are now re-

ceiving training during duty hours in human relations and leadership. From courses like this we hope to improve employee-employer relationships throughout the faculty and staff.

### WHAT WE ARE GOING TO DO:

In order to get all of our people more involved in satisfying and meaningful work, we must allow them to identify their own goals, mesh them with the objectives of the divisions and DMS, and then give all of our people the authority and resources needed to pursue their own development. We will seek job enrichment and, to the extent possible in a military school, participatory management.

Behavioral scientists abound with theories. McGregor's Theory Y suggests management based on optimism about people's behavior. Maslow notes that "a satisfied need no longer motivates." Herzberg says that "satisfiers" are motivators. Likert would identify our branch chiefs and course managers as "linking pins," connecting a group of people to the organizational structure. Argyris would integrate individual with organizational objectives. And there are devices like the Managerial Grid which helps a manager increase his concern for both people and E/P.

Perhaps the most popular theory in the academic community is Management by Objectives - MBO. This is a concept promoted by Peter Drucker, and written about by many. It is appropriate at an organization level, at the top, where the oracle of knowledge resides. There is no one to tell the oracle what to do. People at the top must perceive what is necessary, and do it. This is why HQ DMA has adopted MBO. I believe it will also work at DMS.

Our military people will find MBO unnatural compared to their experience, but all of our division chiefs assure me that it will work at DMS. They have asked for a chance to try. I have in turn asked Don Light to formulate our objectives for the School, and to help the division chiefs formulate theirs. An example would be to

quantify what division chiefs are going to do about EEO. Then we will measure their progress, leaving them to their own devices to obtain results.

For MBO to work at DMS, every person must be involved. Thus, the next step is to have every person here develop personal objectives together with the division chief and first line supervisor. This will result in a documented set of objectives and standards of performance mutually arrived at. The employee's results can then be assessed as a basis for performance appraisal and efficiency reports, awards, promotion, and increased opportunity. For example, the person that sets an individual affirmative EEO program objective, and does it, will get credit. More specifically, such an action might involve job restructuring to achieve upward mobility, or deliberate selection of a minority person who is equal among the "best qualified" for a job opening.

Whatever we do, be it MBO or a modification of another theory, it is my intention to give every person at DMS as much authority and responsibility as possible, consistent with individual desires and ambitions. I am making a personal commitment to attain this objective in FY 1975. We are presently looking for a few good ideas, so now is the time to let us know what good things you would like to see happen soon. I encourage discussions with your leaders. Also Marge and Shirley both accept ideas from any source, and will arrange for further discussions.

### CAREER CIVIL SERVICE:

Elsewhere is a copy of Admiral Cramer's letter which also supports what we are trying to do. I also appreciate the splendid contributions of our career civil servants. We hope to increase their opportunity to continue their fine work:

Before you can climb the ladder of success, you must build the ladder.

When you don't know what to say, consider the nobility of silence.

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 Department of Defense.

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Editor: CW3 R. L. Lesinski  
Assoc Ed: Carla Davis



## Question To The Editor

### Certificate of Attendance:

The question has been asked: Are the members of PRT eligible to receive a Certificate of Attendance for the Litho Plate Course based on the fact that Mr. Jacobs, who instructs this course in a classroom adjacent to PRT, has subjected them to his instruction repeatedly since January 1974?

Our expert says:

According to Para 6a of the as yet unpublished DMS Instruction on subject noted above, Staff Personnel are ineligible to receive Certificates of Attendance unless they:

1. Are within line of sight of the presented instruction.
2. Receive a score of 90 or higher in the annual MOS test.
3. Are in grade LTC or higher, GS-15 or higher, SMA or higher.

Para 12d of this DMS Instruction provides Staff Personnel with eligibility to receive a Certificate of Eavesdropping for those courses where instruction is presented at 90 decibels or higher. At the present time, there are only two instructors in DMS who meet this requirement, Mr. Marvel at 124 decibels on a clear day and Mr. Jacobs at 120 decibels thru heavy fog. The Graphic Arts Division has posted warning signs stating that decibels at this level can be harmful to your health.

Chief, PPO, advises us that this DMS Instruction will be published within the unforeseeable future. Requests for Certificates of Eavesdropping should be submitted a minimum of 180 months prior to class graduation.

## Thank You

We would like to extend our thanks to you for remembering our wedding with the gifts of a steam iron and a Flip Over Oven. Your kindness is deeply appreciated.

Bob and Monica Nitchman

(String Along With Me continued from Page 1)

tier have each done over a dozen pictures. Joe Sullivan has one of his pieces of art on display in a store up in Rhode Island.

These men generously created and donated the beautiful string pic-

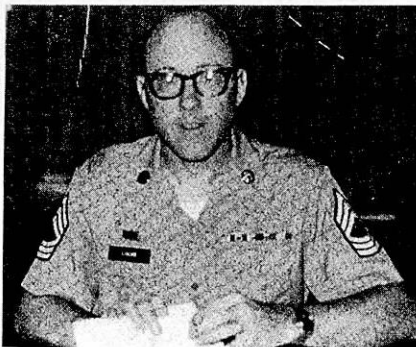


tures that were presented as prizes at the Annual DMS Picnic last August.

Now, how did Survey Division get introduced into the world of string art?

Bill Locke, who everyone knows is motivated by color and excitement, sat staring across the room, racking his brains for a way to turn the dull, empty chalk board in front of him into something more "stimulating." He sat...staring... as the seconds ticked by. And then, his eyes blinked and a smile spread across his face, and he shot from his chair screaming, "I've got it, I've got it." Major Bill Sprinsky, our new boss who's not quite used to these sudden outbreaks, frantically rushed out from behind his desk only to find Bill Locke bubbling with enthusiasm as he shared his idea with the rest of the office. "We're gonna do things big, folks! On that plain chalk board in front of you will soon be the biggest, most beautiful string picture you've ever seen."

Utilizing the brains and experience of Ted Garrard, Bill drew up a design, figured out the number of nails and the amount of space needed between them and the best choice of colors. But, first the "dirty work" had to be done. He sanded down the board until it was as smooth as ice and then cut out blocks of wood to be glued on the board. Carefully and precisely,



the nails were hammered into the blocks of wood. If you happened to pass by Room 117 that afternoon and heard pounding followed by excruciating screams, you now know that it was just ole Boomer hammering the nails (and occasionally his fingers) into the wood.

Finally, the moment arrived to do the actual stringing. Bill stood in front of the board, gripping the ball of thread, recalling the instructions suggested by Ted Garrard. Over 140 nails faced him as he chose one at the bottom to begin with. Unwinding a small portion of the thread, his shaky hand reached forward, encircled that one nail, and the venture was on. Like an expert, around and around he strung, counting each nail as he passed by. Within an hour, Bill stepped back and looked at his masterpiece, which he later entitled "The Outer Space Radio Telescope Receiver."

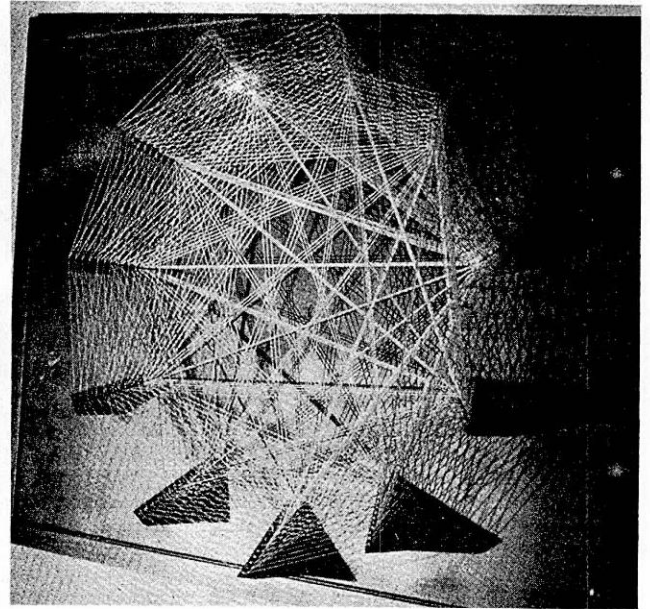
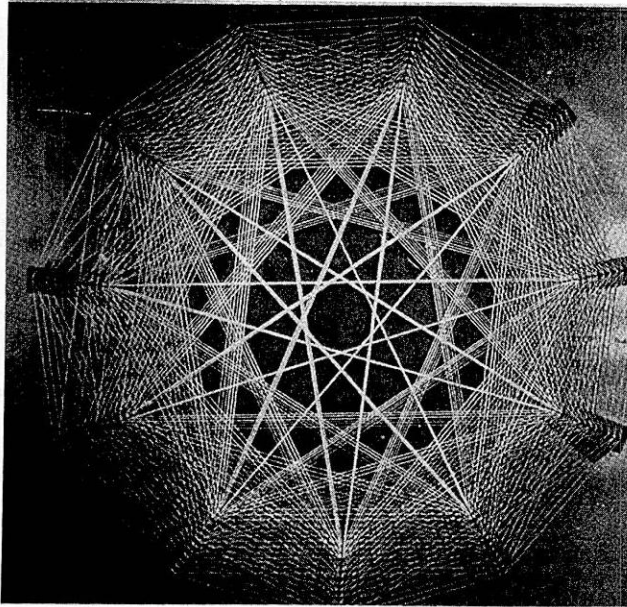
But that wasn't the end yet. He looked across the wall to the other empty blackboard and his eyes lit up. "I'll do it again," he thought. After scanning through a book of designs, Bill worked into the late hours of the evening preparing this board as he had the other one.

The office personnel walked into the room the next morning unaware of what had gone on the night before. They could only stare at the newly created Locke original entitled, "Ellipses on a Paramecium." It was much more complex than the first string picture and very professional looking.

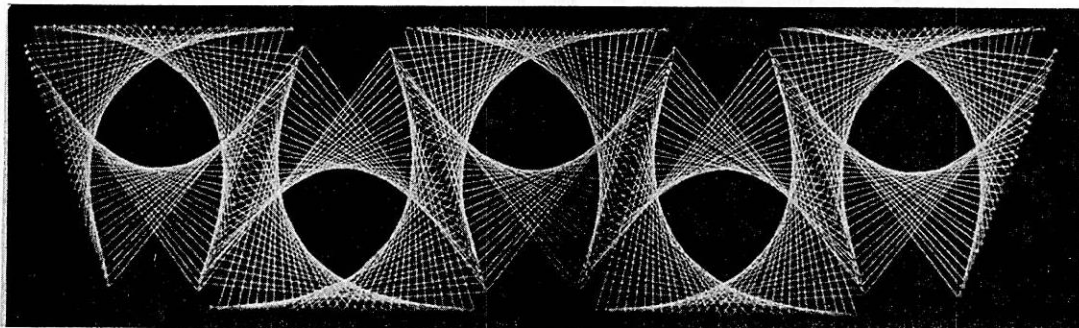
Well, anyway, Room 117 is back in its usual pattern. More important issues like a flooding water fountain or keeping the classrooms warm enough to prevent frost bite have pushed any future plans for more string pictures into the back of Boomer Locke's mind (at least during work hours). Right now, he is satisfied to just sit back and proudly smile when someone walks into the room and exclaims, "Oh! Who did these pictures? They're just beautiful." As I walked out of the office, though, I heard Major Bill and Sergeant Bill discussing the possibility of creating one they would call "A Radar Dish on a Piece of Purple Plastic." Who knows what will be next.

The expertise these men have acquired in this particular art can be seen only by looking at their work. They are indeed remarkable, and we're glad they're DMS people.

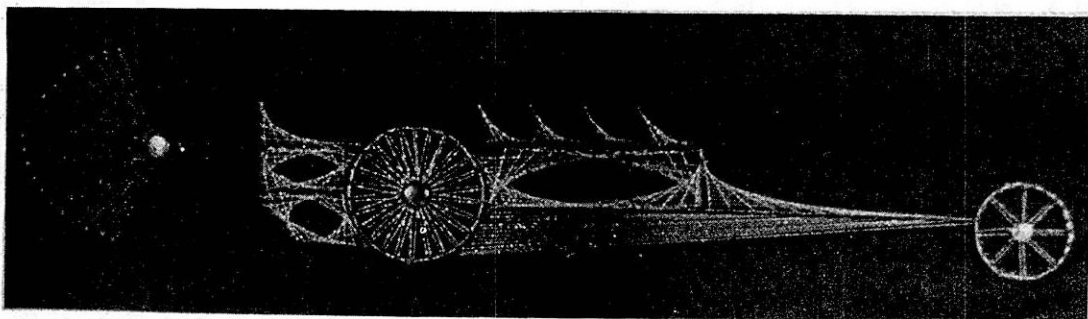
(See Photography on next two pages.)



"Outer Space Radio Telescope Receiver"  
MSG Bill Locke, Surv Div

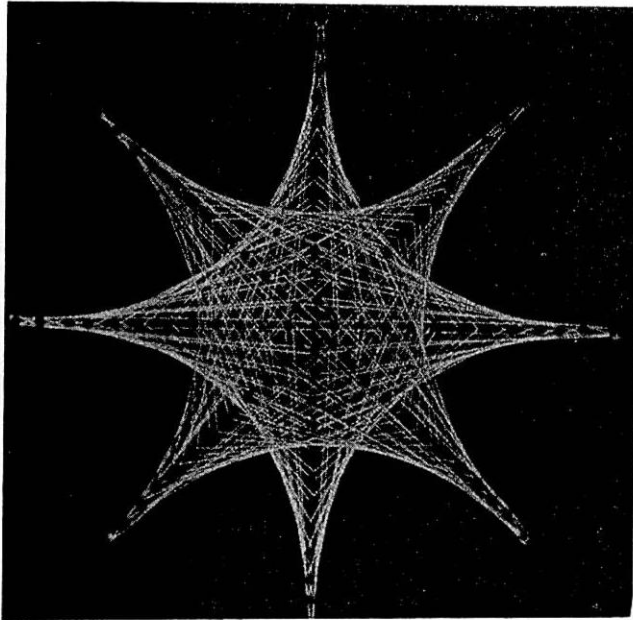


"Cascade"  
Mr. Joe Sullivan, Carto Div

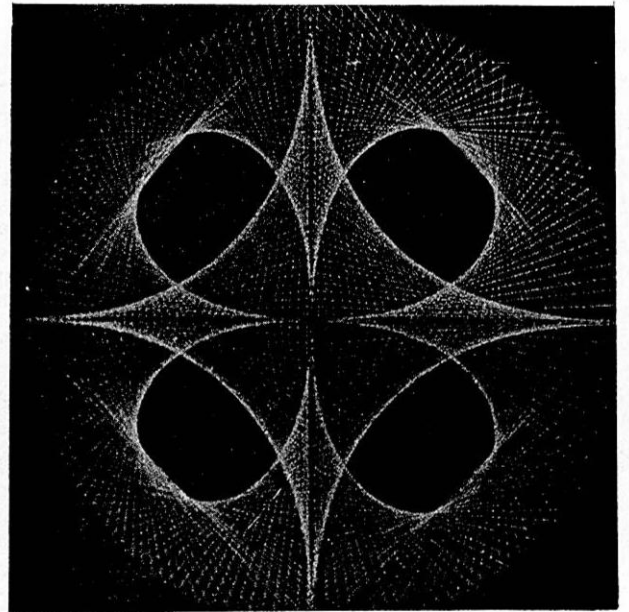


"Dragster"  
CW3 Roger Pelletier, Carto Div

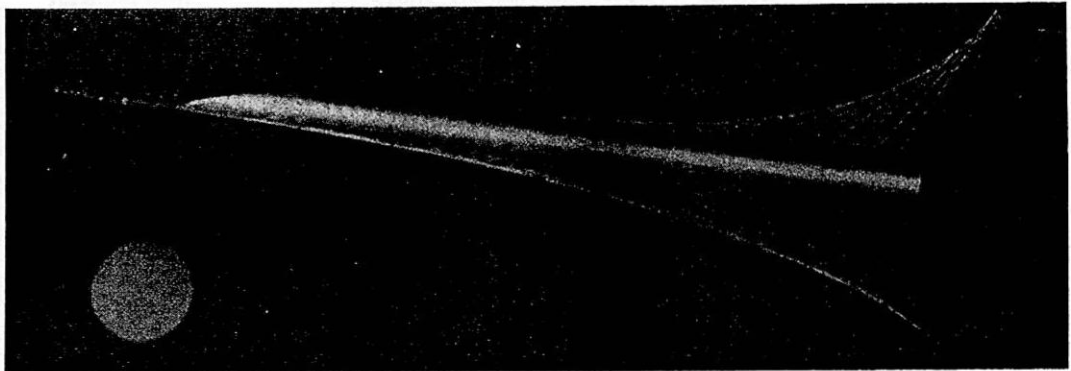
Photography by Andy Yacenda.



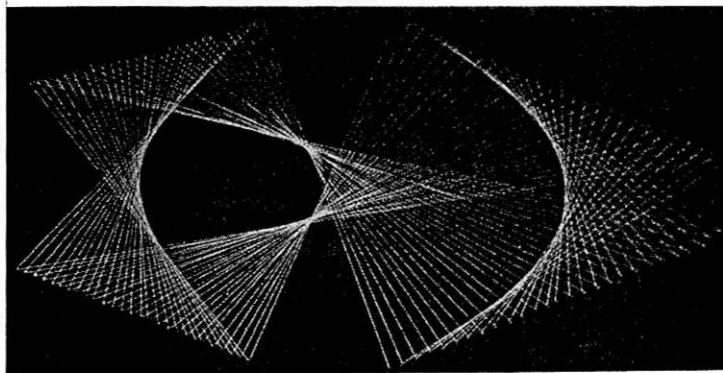
"Astroid"  
CW3 Roger Pelletier, Carto Div



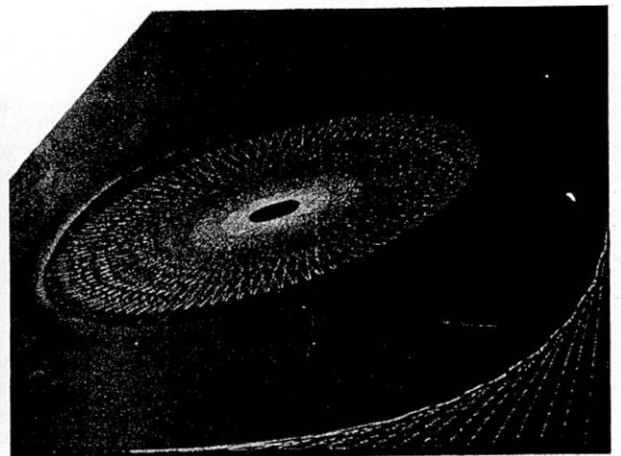
"Circular Geometrics"  
CW3 Roger Pelletier, Carto Div



"In Flight"  
CW3 Roger Pelletier, Carto Div



"The Kite"  
Mr. Myles Mulholland, Carto Div



"Ellipses on a Paramecium"  
MSG Bill Locke, Surv Div



## But It Got Away!



About two weeks ago, there was a massacre at Lake Gaston. Ron and Billie pulled it off. They caught a total of fourteen, all big ones, "Large Mouth Bass", but from what I heard it ended a good friendship. Ron caught ten of them the "Master" only four. Meanwhile, Doug took



John L. up on the Shenandoah after the small mouth bass. They must have told Ron a good story, not the same one I heard of course, but they did talk Ron into going back with them last week. This is where the fun really began. Ron, John, the boat and equipment was dropped off and Doug took the car back down river about 8 miles with the intention of hitchhiking back in just a few minutes. Well he didn't get back until several hours later. Even though it was beginning to get dark, they cast off anyway to float fish downstream to the car. Doug says, we will know when we get close to the car, because we will go over a few riffles. John told me, those riffles were some of the roughest and longest rapids he has ever been over. In fact they started from the time they got in the boat and lasted most of the night. After many hours of frustration and floundering around in the dark the boat finally ran aground on a low, muddy island where

they decided to stay overnight. Their clothes were soaking wet, all of their eatable supplies soggy, no fire to sit around, and even though kinda chilly, the bugs were after them continuously. Doug, after a few beers, allowed as to how nice it was, they had money enough to get away from it all and take a little R&R now and then. What Ron and John's answer was I don't know, but it couldn't be printed anyway.



When daylight finally arrived they continued downstream, only to find out much later, the car had been passed during the night and they had to be turned back upstream by one of the local fishermen.

In most cases, these people are outstanding fishermen and they will tell you this story is not true, but its the way I heard it.

"Oh yes", no fish were caught on this trip and the 8 mile trip turned out to be better than 20 miles.

## "The Marines Are Looking For A Few Good Men..."

by Judy Ethridge

... but here is a switch for you - a Marine woman had to look for a good man in the Army. Yes, that is just what happened on 7 October when PFC Monica Christensen, of the Personnel Reception Center, Quantico Marine Base, married SSG Robert "Mouse" Nitchman, Instructor in the Offset Printing Branch of Graphic Arts Division, DMS. The happy couple is pictured above receiving gifts from co-workers of the Graphic Arts Division.

Monica met Mouse while attending the Duplicating Course here at the School. She was, it should be mentioned, the Honor Graduate of the course. Since graduation, her assignment has been as an Offset Pressman in the Personnel Reception Center.



Though Monica graduated and left the hallowed halls of DMS, Mouse's spirits could not be dampened. He continued to pursue the petite blond and the romance flourished. Wedding bells began to ring, and Mouse, being the good Army man that he is, heeded their call.

When asked if marrying a member of another service would cause any difficulties, Mouse replied, "No, no, it shouldn't." But, let's face it, does SSG Nitchman really know what 'utilities' are?

## Wanted

Does anyone have a Super 8 mm Motion Picture Camera with the following features:

1. Thru-the-lens viewing.
2. Single-frame capability.
3. Zoom lens.
4. Low light XL capability.

Please contact Mr. Christ, Educational Advisor.

(The McHale G.a.n.g. continued from Page 1.)

These photos are just a sample of the goblins that will be out, so to keep the tricksters from getting after you, better have a lot of candy and cookies available.

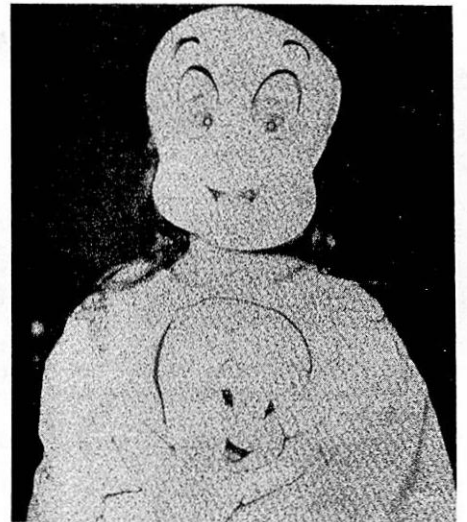
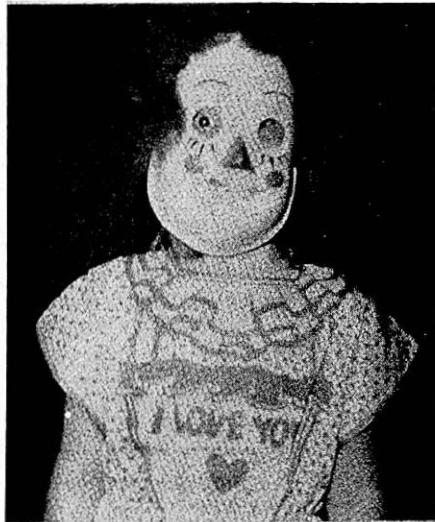
Of course, some of the neighborhood grownups are out also, claiming to be escorting the younger ones, but I think they are having just as much fun.

Mac says he's going out for awhile, and taking a large glass mug rather than a paper bag. Won't take as much candy to fill up a mug, I guess.

According to Mac, the wig belongs to the kids, but I don't know, it seems to fit awfully well. I wonder?

(See Photography on the next page.)

MC HALE'S GANG  
AND  
A Dean ★



## From The Lighthouse



On 11 October, employees of the Defense Mapping School joined with its Navy faculty colleagues and the Navy students attending DMS to celebrate the U.S. Navy's 199th birthday. The theme for the Birthday/Navy Day, 1974, was Navy Birthday - "A PROUD TRADITION."

The U.S. Navy rightfully takes pride in its tradition. The famed John Paul Jones gave the Navy its famous watchword: "I have not yet begun to fight," back in 1779. In 1944, the biggest naval battle in history occurred off Leyte Gulf when the U.S. Pacific Fleet virtually destroyed Japanese Sea Power of World War II.

In 1958, the world's first nuclear submarine, Nautilus, cruised beneath the North Pole - the first to reach it. Carrying this on, in 1964, a nuclear powered naval task force cruised around the world.

Of course, there are many other historical events that mark the United States as a world leader in sea power.

On the academic side, Alfred Thayer Mahan (1840-1914), a Navy Admiral, wrote many books on naval strategy and the influence of sea power on a nation's affairs. Admiral Mahan's greatest work, "The Influence of Sea on History" (1690-1783) influenced the naval policies of many nations including our own. Mahan's book is believed to have influenced President Theodore Roosevelt in his naval building program and also Kaiser Wilhelm II of Germany to build the powerful German Navy of World War I. Some strategists today believe that the USSR's naval buildup is somewhat due to Mahan's philosophy that a country's strength on the sea is of great importance to its prosperity and its position in the world.

But, tradition in sea power is not enough by itself, and our own Navy is not resting on its laurels. The Navy has a very vital role in the defense of our nation today.

The Chief of Naval Operations has established the Navy's role in national defense to be four mission areas.

. Strategic Deterrence

- . Sea Control
- . Projection of Power Ashore
- . Naval Presence

The Navy's Polaris/Poseidon/Triident submarine forces are fundamental to this deterrence because of their high survival probability.

Sea Control is basically the capability to deny an enemy the right to use some seas at some times, and asserting our own right to use some seas at some times, especially during conflict.

Projection of Power Ashore is concerned with landing and supplying forces ashore, plus naval bombardment and tactical air support for the land combat forces either amphibious or general.

Simply stated, the Naval Presence mission is the use of naval forces, short of war, to achieve national objectives or deter hostile actions against the United States.

Looking at these four mission areas clearly shows the close relationship that must exist between the Navy and the Defense Mapping Agency. Any aspect of these missions whether the weapon platform is a sub-surface, surface or air craft requires one of the many navigational products or services that DMA provides. These are nautical charts, undersea warfare charts, electronic navigation charts, navigational publications, geodetic and hydrographic surveys to name a few.

This vital link between DMA and the ship captains must be maintained if we are to support the naval arm of the national strategy. The Defense Mapping School salutes its sister agency, the Defense Mapping Agency Hydrographic Center for its tradition of excellence in providing these products over the years.

Admiral Mahan sensed the changing times when he said:

"The unrelenting progress of mankind causes continual change in the weapons; and with that must come a continual change in the manner of fighting."

A change in the manner of fighting usually dictates a change in the map, chart or geodesy information needed for the job at hand. This also includes the people who are trained in the skills of mapping, charting and geodesy. People too must be changed, retrained, etc., and training is synonymous with the Defense Mapping School. DMS is proud to be a "Producing Partner of the Armed Forces" and particularly the Navy during their birthday celebration. Besides that, maybe Sailors do have more fun.

(MG Jacobson, Deputy Director con-

tinued from Page 1.)

Air Force in Thailand, will report to DMA in the near future.

General Jacobson first joined the military service as an Army Lieutenant after graduation from the University of Nebraska in 1941. After completing pilot training in 1943 he served in New Guinea as a B-25 pilot and later as an operations officer during the last two years of World War II. He has served in numerous bomber units, culminating in command of the 416th Bomb Wing in 1969. His staff experience includes tours of duty with the Joint Staff, Office of the Joint Chiefs of Staff; the Air Staff; and the staff of the Strategic Air Command. He brings a broad strategic operations background to DMA.

In addition to his bachelor's degree from the University of Nebraska, General Jacobson has earned a master's degree in International Relations from the George Washington University. He is a graduate of the U. S. Naval War College and the Harvard Advanced Management Program.

General Jacobson's many awards include the Legion of Merit with two Oak Leaf Clusters, the Distinguished Flying Cross with Oak Leaf Cluster, the Air Medal with four Oak Leaf Clusters, the Air Force Commendation Medal with Oak Leaf Cluster and numerous campaign medals.

(Course 411-207 Is Born continued from Page 1.)

nated with Navy representatives at the Philadelphia Naval Yard, Philadelphia, PA. Additionally, MAJ Sam Thompson traveled to Mountain Home, Idaho where he observed and participated in APPS training to the 366th Tactical Fighter Wing. Both Bernie and Sam also participated in a workshop meeting at the Engineer Topographic Laboratories. LTC Chris Thompson, a United Kingdom liaison officer to DMA who was instrumental in the development of the APPS, was present, as well as, Mr. Don Klear, a DMAAC technical representative. ETL experts were available for consultation.

Sam, Dee and CW3 Lonnie Parker traveled to DMAAC on 29 October to lay the groundwork for APPS instruction to be presented jointly by DMAAC and DMS at Oceana Naval Air Station near Norfolk, VA. Training will commence on 4 November 1974. Stay tuned for other exciting APPS happenings. "Join the APPS Committee and see the world!"





FRONT ROW: Mr. John VILETTO, Jr., (Project Engineer, Engr Topo Lab, Ft Belvoir, VA); Ms. Mary Beth BARTLETT, (DMAHC - Requirements Officer); CDR Channing M. ZUCKER, (DMAHC - Chief, Program Integration Division).

MIDDLE ROW: Capt James E. JENSEN, (DMA-DMS, Sr Instructor (Charting)); MAJ John A. NORDBERG, (DMATC - PPO Project Officer); Maj John F. FIDDLER, (DMAAC - Commander, Flight Information Office - Europe); Maj Rondall E. SKINNER, (DMAAC - Commander, Flight Information Office - Alaska).

BACK ROW: MAJ Boyd R. BAXTER, (DMA-DMS - Chief, MCB, TSD); CW3 Joseph A. D'ALESSIO, (DMA-DMS, Carto Instructor); MAJ Leonard H. DICKEY, (HQ, FORSCOM, Topographic Staff Officer, Ft McPherson, Georgia); MAJ Russell REICH, (CINCLANT - Requirements Officer, Norfolk, Virginia); MAJ Ernest Fritz BOYER, (DMA-DMS - Acting Chief, PRT).

## 2nd MC&GSOC

### Graduates

Class 2/75 of the Mapping, Charting and Geodesy Senior Officer Course (MC&GSOC) graduated on the 23rd of October. The graduation was held in the Bagley Hall Auditorium where Mr. Don Light, DMS Technical Director, presented diplomas to the graduates.

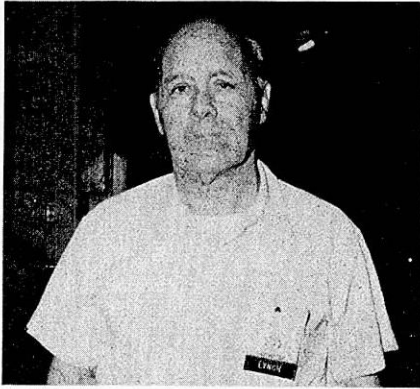
The MC&GSOC is a unique course in the sense that the primary instruction, for the most part, is obtained from outside of the DMS. The primary instructors come from Headquarters, DMA; other DoD Agencies,

the production centers of DMA as well as Engineer Topographic Laboratories. In fact, the students also receive instruction from LCOL Sinclair, the Commanding Officer of the Canadian Forces Mapping and Charting Establishment who comes from Ottawa, Canada, to present instruction. Just as unique, is the fact that MC&GSOC students travel great distances to attend the three week course. In this class, Major John Fiddler came to the DMS from Europe and Major Rondall Skinner came from Alaska.

Some of the unique characteristics of this class is that three of DMS's staff and faculty attended the course, this is the first class to have a female civilian in atten-

dance, Ms. Mary Beth Bartlett from DMAHC; and it was also the largest of the two classes with 11 students. Also, in this class, CDR Channing M. Zucker served in the dual role of being a student and an instructor when he presented instruction on "The Mission and Operation of DMAHC."

Upon the students' departure from DMS they concluded that the course was a pretty good one and recommended a few minor changes. Major Boyd Baxter, Chief of the Mapping, Charting Branch, TSD, who has the overall responsibility for the conduct of the course, will now implement the changes to make the next MC&GSOC even better than this one. A tough job!



## Congratulations Dave!

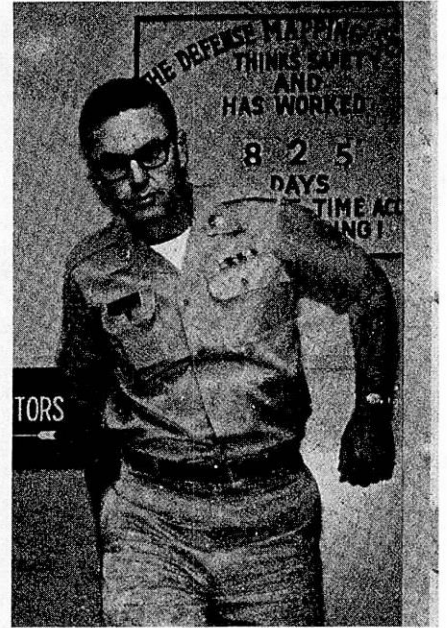
by Richard Gardner

Congratulations are in order for Mr. David J. Lynch who has been selected to fill the position of Training Specialist in the Offset Printing Branch. His promotion to GS-11 is expected in the near future. Dave has been one of Graphic Arts Division's most outstanding instructors. Since November 1967 he has been a Training Instructor and periodically has performed duties as a Technical Writer. His background at DMS runs the entire gamut from student counseling to MTT's in Camp Swampy.

Congratulations Dave, from all the people of DMS.



accomplished without use of stencils or assembly line techniques. The result is currently one of a kind. Several individuals have already indicated their desire for personal copies of this jacket and the line forms at the rear. How about a cheer for Mrs. Barbara Batts.



itary administration or personnel affairs, we just called "Gene" - you take care of this, and it's taken care of.

Although a very efficient individual, Gene always has time for a short friendly chat with anyone, and naturally being from Texas, he does like to talk. But unlike most of us, he is also a good listener, a very pleasant individual to have around, and on those occasions when things are not going right for him, you may hear one of his most harsh expressions, "Gosh."

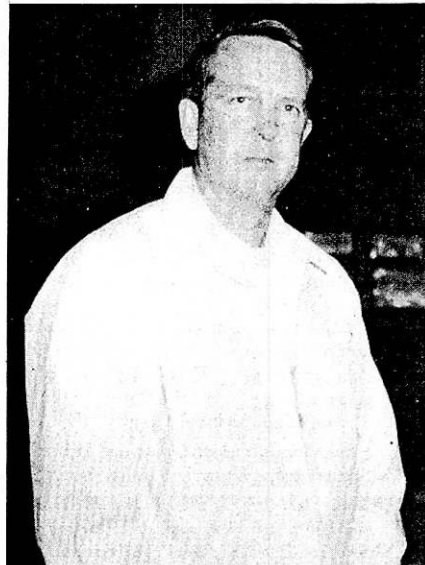
At one time or another, I guess Gene has given helpful assistance to everyone at DMS. He has been very helpful to the Director on the Joint Table of Distribution and personnel assignments; he has assisted most of the enlisted military in such areas as discharge and reenlistments, finance problems, and more particularly, with enlisted evaluation records, than the individual concerned. The commissioned ranks have also received his assistance at times. Although not primarily involved in civilian matters, he was always available to offer help and sound advice for our civilian employees.

Gene departed this month for NCOES Course at Fort Benjamin Harrison, Indiana. He is due to return in early December and assume his duties as the DMS Detachment Sergeant, and if possible, assist the people even more.

## Distaff Talent On Parade

by Glenn Swarthout

Last week several people of the DMS had an opportunity to view the unusual once again. The photo shown is the result of an idea put forth by MSGT Garrard of Survey Computing Branch, Survey Division, after having seen the artistic talents of Mrs. Barbara Batts with Ar-tex paints on various items of textile materials. As always, when an idea is put forth, someone must take the necessary action to carry the idea into solid fact. MSgt Batts borrowed the photographic copy of the DMA Emblem from the Cartographic Compilation Branch office and then, by means unknown to any of us here, enticed his wife to perform the actual artistry that turned an idea into solid fact. Those of us who have seen the results of this effort have nothing but praise for Mrs. Batts' talents. No measure was taken of the hours devoted to this project and it was



## Always Moving

SSG Gene R. Willis, a good Ole Texas Boy, was assigned to DMS approximately 3 years ago as the DMS Detachment Sergeant. What his job is, no one really knows. He has been involved in so much. Whenever anything happens pertaining to mil-

GIVE TO CFC!

## DMS's Famous People



### Carto's Tech

by Glenn Swarthout

SSgt David W. Cook was selected as the Cartography Division Instructor of the Month for September so we think it's time everyone meets "Dave."

SSgt Cook entered the Air Force from Middletown, RI in January 1965 and upon completion of basic training he attended tech training here at Ft Belvoir as a Photogrammetric Cartographic Specialist. His duty assignments have taken him from Westover AFB, MA to Hickam AFB, HI and to Forbes AFB, KS. He was assigned to the DMS in October 1971. SSgt Cook has conducted instruction in course 411-201, Cartographic Drafting, as well as, course 411-204, Basic Photogrammetric Cartographic Techniques and has recently proposed several modifications to the 411-204 course in an endeavor to update and improve the effectiveness of the course. In addition to his instructional duties Dave has served on the DMS Honor Cordon and was recently selected as the first member of DMS to attend the HQ Comd USAF NCO Academy at Bolling AFB. Dave is an avid bowler and bowls on the DMS team, is a member of the Fort Belvoir Bowling Team and bowls in the Washington Area Military Athletic Council League, as well as, participating as a coach for the Saturday morning Bantam League. Recently SSgt Cook's quarters in George Washington Village were selected as one of the winners of the Fort Belvoir Fall Beautification Contest.

SSgt Cook is assisted by his wife Elaine and three children.



### "Our Momma"

by Kathy Kelly and Bill Locke

In the hallowed halls of Wheeler, there is a woman that has been "Momma" to literally hundreds. Save for possibly one other secretary, she's graced our environment for longer than any other in DMS. Joyce Zieres has been many things to the men of Survey Division for more years than she may care to admit to. She's been our "Momma" when we were feeling low and needed to talk; has heard more confessions than most priests; has listened to more war stories than a barracks full of Sergeant Majors could tell in a year; tolerated more sick jokes than even Don Rickles deserves to hear; seen at least eight changes of Division Chiefs; tolerated more nasty Chief Instructor Supervisors than hell could hold; and somehow has managed to maintain her sanity through more "crash" jobs than anyone can remember. No one has meant so much to so many.

As an indication of how she affects our lives, she need only be gone from her desk for a few minutes and someone enters the office and noticing her absence says, "Joyce sick or on leave?" She's the sunshine in our lives and always sorely missed when absent. When on temporary duty to the Director's Office sometime ago, we were truly lost, and a more joyful bunch couldn't be found the day she returned. Without a doubt, there's no one we'd fight harder to keep if someone were to try and take her away.

(Continued on Page 12)



### DMS Instructor Of The Month

SSG Gary L. Cross, Photolithography Branch, GAD, was selected as the DMS Instructor of the Month for September. Gary, a native of Cheyenne, Wyoming, reported to the DMS on 10 January 1972 after spending a tour of duty in Vietnam with the 7th Psy Ops Detachment.

During his three years at the School, Gary has been active in remedial training of students attending the Photolithography Course as well as his own education. By this coming January, Gary will complete 34 semester credit hours of work toward his Associate Degree in Printing and Technology at Montgomery Junior College. In addition to night school, as both an instructor and as a student, Gary is also an avid amateur photographer as well as an innovator. Recently, on his own time, he has been experimenting with random dot reproduction. For those of us who are not familiar with photolithography, random dot reproduction produces a color or black and white image of a higher resolution than the conventional halftone image. According to Gary, "normally, seven to nine steps are needed to produce a quality image, I have done it in three." His sample sheet looked impressive!

In addition to his experimentation, he has also had three of his suggestions adopted by the U.S. Army. One of the awards was worth \$510.00. Gary has also completed the Programmed Instruction Writers Course, and is now waiting for one (Continued on Page 12)



## DMS Tennis Tournament

by Sam Thompson

Excitement, tension and fun have characterized the first two rounds of the DMS Tennis Tournament. Although the competition has been keen, only one upset has been recorded - John Gano upset Jim Jensen in the second round 6-4, 6-1. First round action produced these results:

| <u>WINNER</u>                  | <u>LOSER</u>  |
|--------------------------------|---------------|
| Fritz Boyer<br>6-4, 6-4        | Sam Thompson  |
| Jerry Anderson<br>6-1, 6-2     | Jim Jensen    |
| Mike Springer<br>3-6, 6-1, 6-2 | John Gano     |
| Ed Marcy<br>6-2, 2-6, 6-3      | Joe D'Alessio |
| Jim Hey<br>Forfeit             | Ron Gallien   |

However, the losers were not eliminated; you must lose twice to be ruled "out" of the tournament.

As the excitement mounted, second round action found the following individuals enjoying the winner's column:

| <u>WINNER</u>              | <u>LOSER</u>  |
|----------------------------|---------------|
| Fritz Boyer<br>Bye         |               |
| Jerry Anderson<br>6-2, 6-3 | Mike Springer |
| Ed Marcy<br>6-4, 6-3       | Jim Hey       |
| Sam Thompson<br>Bye        |               |
| John Gano<br>6-4, 6-1      | Jim Jensen    |
| Joe D'Alessio<br>Forfeit   | Ron Gallien   |

At this point Jim Jensen and Ron Gallien were eliminated and the remainder of the pack proceeded into round three. Ed Marcy and Joe D'Alessio both received byes and will of course go directly to round four. Not everyone was so lucky with the following third round matches scheduled to be played:

|               |    |                |
|---------------|----|----------------|
| Fritz Boyer   | vs | Jerry Anderson |
| Sam Thompson  | vs | John Gano      |
| Mike Springer | vs | Jim Hey        |

The pack is destined to be thinned out; results will be published in the next Contour!

(Our Momma continued from Page 11)

It's not very often you find a person like Joyce, and it was our greatest streak of luck when she found DMS over 16 years ago.

Presently, Joyce is the Editorial Assistant in Survey Division but she has worked on every floor in DMS and even served awhile in the Director's Office.

Her common sense, initiative, and willingness to work a little extra, if need be, has made Joyce one of the most indispensable persons in DMS if the atmosphere is to continue to be pleasant and orderly and if the work is to move along quickly and accurately.

Extra training in the Military Correspondence School and the Army Functional Filing Systems Course has not only helped to make her an exceptional secretary, but her understanding, compassion and "gift for listening" has made Joyce the "cheerer upper" for all of us at one time or another.

Working here at the School for so many years has shown Joyce the comings and goings of innumerable friends, some of whom return or keep in touch, but all of whom will never forget her. Not only has she seen changes in the people around her, but also in offices, regulations, formats and even typewriters. But Joyce always managed to adapt to the new and continue with her "old habits" of loyalty and devotion.

Thanks for years of hard work and friendship could never be enough, but we hope you'll stay with us for 16 more years. Momma we love you.

(DMS Instructor of the Month continued from Page 11.)

of his programmed texts to be printed on the use of the Grey Scale.

All of his energy is not devoted toward mapping alone, "Outside of the realm of mapping, I am doing research on laser printing and holography. I see this as becoming more important in the future with respect to advertising and in educational training aids."

Beside Gary, SSgt David W. Cook, Cartographic Compilation Branch, Carto Div., and Mr. Robert M. Jones, Construction Surveying Branch, Survey Div., were selected by their Divisions for the DMS Instructor of the Month Award. Now both Dave and Bob, as well as Gary, will compete in the USAES Instructor of the Month Award for September.

Congratulations to all of you on your selections and the best of luck on the upcoming round of competition.

## Fiction Approaching Reality?

by Richard Gardner

I am a GS-9 Training Instructor at the Defense Mapping School. Each day I spend seven and a half hours as a Prime Instructor in the (Deleted) Course. An additional two and a half hours of my time is devoted to grading and preparing for the next days lessons. Three to four hours each evening is spent updating lesson plans, reviewing programmed texts, devising training aids and attending college courses. Every third weekend I go on a MTT trip to various remote units. I make reports for the Staff concerning everything from planned classroom utilization for FY 75 through FY 85 to the attrition rate of left handed students.

Yesterday I noticed that my wife and kids were not at home. My neighbor told me that they had left six months ago! Have I been neglecting my family? What should I do now?

First Question: Absolutely not.

Second Question: Increase your EP.

Observation: We have dedicated people here!

☆☆☆☆☆☆

CFC UPDATE

The CFC drive at DMS is beginning to draw to a close. As can be seen in the table below we're closer to our goal of \$4,200.00 but we still have some more to go before getting 100% across the board. Let's get together. Can't you spare a few dollars a month?

|        | # of | %    | Avg     | Total     |
|--------|------|------|---------|-----------|
|        | Con- | Quo- | Gift    |           |
|        | tri- | ta   |         |           |
|        | bu-  |      |         |           |
|        | tors |      |         |           |
| 23 Sep | 38   | 31   | \$34.25 | \$1301.50 |
| 29 Sep | 78   | 46   | \$24.59 | \$1918.50 |
| 2 Oct  | 137  | 68   | \$21.13 | \$2896.00 |
| 29 Oct | 186  | 97   | \$21.89 | \$4072.00 |

☆☆☆☆☆☆

**SAVE  
DEFENSE  
ENERGY**



DEFENSE MAPPING AGENCY  
BUILDING 56, U.S. NAVAL OBSERVATORY  
WASHINGTON, D.C. 20305

23 OCT 1974

POC

SUBJECT: Career Civil Service

TO: Director, DMA Aerospace Center  
Director, DMA Hydrographic Center  
Director, DMA Topographic Center  
→ Director, Defense Mapping School *and all people in DMS*  
Director, Inter American Geodetic Survey *IC*

1. References:

a. Presidential Memorandum for Heads of Departments and Agencies, September 20, 1974, subject as above, ~~(copy enclosed)~~.

b. Secretary of Defense Memorandum, 11 October 1974, subject as above, ~~(copy enclosed)~~.

2. In his recent memorandum the President expressed his determination to keep the career civilian service one "in which men and women can be accepted in the first place on their ability and promoted on their merit." He stresses that merit principles and personnel laws and regulations must be fully and effectively carried out.

3. In my brief visits to those Components which I have had the opportunity to see, I have observed a highly dedicated, professional and efficient group of civilian career people working together with their equally dedicated colleagues in the military service to accomplish our important mission. I am sure that only through true merit principles have you been able to acquire the quality people now working in your organizations.

4. I wholeheartedly endorse the principles which have been reaffirmed by the President and the Secretary of Defense. I urge you to continue to select and promote your people on the basis of merit, free from any bias whatever.

5. Our people play a very important and vital role in the national defense and I ask that you call attention to that role in your communications with your people. Please express my personal appreciation for their individual contributions and encourage them, on my behalf, to continue their fine work.

6. In closing, I want to affirm my personal support of the merit principles and appreciation for a dedicated corps of career civil servants as partners in our mission.

~~2 Enclosures a/s.~~  
*(sent to Division Chiefs IC)*

S. D. CRAMER, JR.  
Vice Admiral, USN  
Director



## Professionally Speaking

This prize winning photograph was taken at the recent DMS picnic. It could be titled almost anything, but I like "Double Trouble" or maybe, "What'll You Have." I suppose people who know them well could come up with many more appropriate titles.

Actually, both Mac and John worked hard on that very hot afternoon, and to the best of my knowledge, neither of them got into any trouble. As you can see by the most innocent expressions on both faces, they took their job seriously and wanted everyone to have a

good time.

Being social drinkers only, seldom drinking beer, John and Mac, with their quiet, friendly dispositions, and the ability to keep a conversation going, make them outstanding people for this particular job.

So, if you feel the need for a quiet intellectual conversation at the next DMS social gathering, just drop by the dispensers and note the ease in which you can become involved.



## Visit Of LTC Abbass Jafari

LTC Abbass Jafari, Iranian Geographic Department visited the De-

fense Mapping School on 25 October, following his attendance of the CENTO conference hosted by DMA. The visit was a follow-up of the one by General Sadeghian last July, and LTC Jafari expressed a great interest in the courses of the School as well as "new" equipment for the courses. Items of special interest were the planetarium of the School, the Position Azimuth Determination System (PADS), and Multispectral Photography.

Upon his arrival, tea was served and an introductory briefing was provided by the DMS Technical Director, Mr. Don Light. Orientations by Division Chiefs and tours through respective areas followed and continued to early afternoon. Many questions were asked and answered in the technical discussions

throughout the day.

At the end of the tours 5 fellow countrymen, Officers attending courses at the USAES, arrived and met LTC Jafari with obvious joy and admiration. They visited for several moments, and then the symbolic memento provided special guests of DMS, a Survey Marker Plaque, was presented LTC Jafari by COL Kurtz. He expressed a sincere appreciation for the memento, and in a parting statement spoke very highly of the DMS curriculum and of the enthusiastic tour given him.

## "Doctor Sprinsky I Presume"

Major William Sprinsky attended School at the Department of Geodetic Science, Ohio State University, from June 1972 until his assignment at DMS.

Bill, who already has his Masters, was working for admission to PhD candidacy and for award of the degree. He submitted his dissertation the middle of August and patiently sat back to wait out approval of his work.

Last Friday evening, Bill left for the University to "defend" his dissertation. He returned Monday glowing with success.

Bill's dissertation is entitled, "The Design of Special Purpose Horizontal Geodetic Control Networks." His technique bases the design on what the final network is going to be used for rather than any arbitrary national standards of accuracy.

The only thing left to do before the PhD degree is awarded is to round up a couple of nimble-fingered and nubile typists to prepare the dissertation in final form.

Friday, December 13, is the projected date for presentation of the degree. Bill Sprinsky, in cap and gown, will finally reach the end of the road as a student. His comment (the printable one) on all of this? "My parents always wanted a doctor in the family!"

Congratulations Chief, from Survey Division, and best of luck from all the people of DMS.

## Bowling Results

The DMS team entered in the Castle Bowling League is currently sitting in 5th place. On the evening of 21 October they won 3 points and lost 1 point.







## Thru The Transit

**TAKING STOCK.** Every year in the fall we begin to anticipate what our requirements are for people and money for the next Fiscal Year. This, naturally, gives us a good opportunity to also think how we are using our people and what we might be able to do to increase our productivity, our responsiveness to our needs, staffing to meet our own support requirements, and developmental assignments for our own people.

Last week we firmed up our student training requirement so that we can now project how many instructors we will need and where they will be needed, and when. To the extent that we will be able to economize in our instructor effort which is directly applied to the platform, we will generate savings which we may be able to reinvest so that we can grow in new directions. First, we may be able to look forward to catching up on some of the long deferred course development work and updating our technical manuals. Thus, some people can look forward to assuming additional functions in these areas. Second, in FY 77, we are also planning to civilianize three more military spaces. By then we should also be able to assume responsibility for some of the support which we get from others. We need to define now the jobs to be performed by three additional civilians. The Technical Director and I are open to new ideas in this regard. What do you want to do to influence DMS?

**COLLEGE CREDIT FOR DMS COURSES.** There is much talk around the campus about accreditation. Well, what does it mean to us? First, all of our courses that are listed in the book published by the American Council on Education are worth college credit to graduates who enroll with the universities which accept the ACE evaluation. Second, many members of our faculty can get college credit simply by taking an exam and testing out of a course offered by a college which is similar to that in which they were trained. Third, we are continuing to pursue through Dick Christ, our Educational Advisor, previous contacts with the local community col-

leges (servicemen's opportunity colleges). This should ultimately generate an arrangement whereby DMS graduates can also receive a transcript from an accredited college or university. Fourth, we will continue to work with the Services in their own endeavors to receive accreditation for their Service schools, from such agencies as the Southern Association of Colleges & Schools and possibly labor unions. Our participation in this fourth program also lends credibility to all of our other efforts.

In the next few months, we will be reviewing each of our programs of instruction to see how we can break out the college equivalents so as to get the maximum number of semester hours. Everybody's help and ideas are needed by Dick Christ. **WE ARE "DMA".** Our new Director, VADM Cramer, has noticed that throughout DMA we tend to use the term "MC&G" when we speak of MC&G products, MC&G support, and MC&G courses, etc. He has noted in the greater majority of these instances the term "DMA" in lieu of "MC&G" fits equally as well, if not better. Certainly, the phrase "DMA support ..." is far more meaningful and accurate than "MC&G support..." Let's all use "DMA" whenever it fits. All of the courses of instruction for which DMA is responsible we will now call DMA courses. All the other courses that we have in support of the Engineer School we will call Army courses, or more specifically EOAC, EOBC, ENCOB, etc.

This viewpoint also gives us a chance to remember that DMA course contents are prepared for the approval of the Director of DMA. These are the bases for the DMS program of instruction which we have been teaching. Every instructor and course manager should think about this when preparing whatever documentation will be needed to obtain VADM Cramer's approval. This is not a new effort for any of us but it is, indeed, a new perspective.

**CHRISTMAS PARTY.** Elsewhere in this issue of the Contour there is a brief announcement of our annual

Christmas party for everybody in DMS and their spouses. We look forward to everybody's participation and I am sure that the Topographic Sciences Division is looking for good ideas concerning the festivities on how people of the other divisions might best do their thing.

**THANKS.** Thanks to all who contributed to the DMS team effort to support the Combined Federal Campaign. As is our tradition, we have once again exceeded our goal in this worthwhile effort from which we are all able to benefit ourselves if the need arises. Participation in the CFC is one of the good things our people can do for themselves in whatever community they live in.



## MG Jacobson Visits DMS

MG Hilding L. Jacobson, Jr., USAF, the Deputy Director of Defense Mapping Agency, received both briefings and a tour as his orientation of DMS on Friday, 8 Nov 74. He was met by LTC McIntosh, Acting Deputy Director of DMS and introduced to the staff and Division Chiefs. COL Kurtz provided the prelude to the briefings and was followed by Mr. Don Light and each Division Chief in turn.

The tour covered the Wheeler Hall classes of the Cartography, Survey and Topographic Sciences Divisions, as well as the USMC Reproduction Train and classes of Graphic Arts Division in Bagley Hall. MG Jacob-

(Continued on Page 3)

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 Department of Defense.

Address all communications to: Editor, 'CONTOUR', Defense Mapping School, Fort Belvoir, VA 22060

Director: COL M. K. Kurtz, Jr.

Editor: CW3 R. L. Lesinski

Assoc Ed: Carla Davis



## New Deputy Director Of DMS

LtCol James M. MacKenzie, USMC, a native of Boston, Mass., has reported in to the DMS as the new Deputy Director. Since LtCol Perry's retirement, LTC's Anderson and McIntosh have been filling in pending LtCol MacKenzie's arrival.

LtCol MacKenzie obtained a Bachelor of Arts Degree in Economics from Hobart College in Geneva, New York. During the same year he accepted a commission in the United States Marine Corps and attended the Basic Course at the Marine Corps School, Quantico, Va. Since then he has served in several engineer and command assignments as well as a tour of duty with the Development Center, Marine Corps Development and Education Command at Quantico and an assignment at Headquarters, Marine Corps. In 1953 he attended the Engineer Officers Course here at USAES, Fort Belvoir, Virginia. He is also a graduate of the Reserve Officers Junior Course, Marine Corps Schools, Quantico, Va.

His most recent assignment was as the Executive Officer, Camp Garcia, Vieques, Puerto Rico. He has served in Vietnam and was awarded the Bronze Star Medal with Combat "V" device. His home is at Springfield, Virginia.

LtCol MacKenzie, welcome aboard!



(MG Jacobson Visits DMS - continued from Page 2.)

son met Airman G. Hill, student in the Geodetic Surveying course, on the tour and was subsequently invited to see Hill's quarters in the barracks. At the end of the tour, MG Jacobson did visit the barracks and was pleasantly surprised to see the clean renovated rooms. A question was asked; "Where are your pin up pictures?" Amn Hill showed him - they were in his desk drawer.

DMS welcomes MG Jacobson and wishes him a very successful tour.



## New Admin Chief

Chesley F. Cummins assumed the position of Chief, Administration/Management Division on 29 October 1974. He has many friends in DMS who know him as Command Sergeant Major Cummins through his long association with the Army Topographic Command and Fort Belvoir.

Ches was born in Hayneville, Alabama and raised in Florida. After attending Orlando Senior High School, Orlando, Florida, he enlisted in the Regular Army and attended basic training at San Antonio, Texas. Following basic, he attended the Cartographic Drafting Course at Geiger Field, Spokane, Washington. During the ensuing twenty six years, Ches performed a variety of assignments in the Continental United States and overseas. Most notable of his military assignments in relation to his new position were Senior Instructor, Cartography Division, Department of Topography, USAES, Fort Belvoir and Command Sergeant Major, Army Map Service, Army Topographic Command, Washington, D.C. Ches' last assignment prior to retirement was Command Sergeant Major, 30th Engr Bn, Fort Belvoir.

Ches is married to the former Kathryn A. Wallace of Cleveland, Ohio. They reside at 2707 Arlington Drive, Apt 301, Alexandria, Virginia, with son Richard Nelson, a senior in Groveton High School and a daughter, Sheridan Ann, who is a beautician. The Cummins' other offspring, Candice Ann is married and resides in the Metropolitan Area.

Ches' background provides impressive credentials for his position in DMS. His credentials, many friends and associates in the area, and his "can do" attitude identify him as a valuable addition to the DMS staff. Welcome aboard Ches.



CW2 Billy H. Peoples explains the workings of an offset press to MG Jacobson and our new Deputy Director LtCol MacKenzie.

## Jo Bids Farewell To DMS

by Bev Eppolito

Josephine Lynch, temporary typist in the Carto Div, left DMS 8 November to work for MERDC.

Her new job will be a promotion, as well as a permanent position. Jo, everyone from DMS, especially the Carto Div, will be missing your cheerful manner and especially your typing. Jo certainly was an added asset with the extra typing burden of the new 16 week Basic Cartography Course.

Jo, all of us from DMS wish you "lot's of luck" in your new job and don't be a stranger, drop by to see us now and then.





# DEFENSE MAPPING AGENCY



## Defense Mapping School

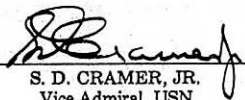
is awarded

### Commendation for Suggestion

FOR

PROGRAM RESULTING IN THE GREATEST AVERAGE SAVINGS IN FY 1974.

1 November 1974

  
S. D. CRAMER, JR.  
Vice Admiral, USN  
DIRECTOR

Commendation for Suggestion presented to DMS by Vice Admiral Cramer. (See story on adjacent page.)

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## Tell Them Where To Go

by R. Kottemann

Have you ever wondered what happens on the third floor of Wheeler Hall in Room 303? Within the white and green walls of this room, students are taught the most important skills needed in the support of a modern day Field Army. The students learn the appropriate skills and knowledges of telling the commander where to go!

How is this done? The students receive instruction on subjects such as map interpretation and land navigation, basic photographic interpretation, drafting principles, and management of terrain information systems, for a start. Secondly, the students are also taught subjects in geology and hydrology, amphibious operations concepts, as well as the evaluation of natural



Students receive preliminary instructions in field data collection.

terrain elements. Next, the students study area service facilities and utilities, engineer reconnaissance, and engineer applications of aerial photography. Finally, after eight and one-half weeks and after all of these concepts have been mastered, a requirement to complete a detailed area analysis in fifty-four hours is laid-on the student before he graduates.

So what? We map makers provide the Army with map products that show road systems, rivers and streams, general land characteristics, where one might find wooded areas and orchards, and where major buildings may be found. Isn't this enough? No. To a commander in the field a map will not provide all the information that will tell him where to go. This is one of the reasons why this course was reinstated. You still can't guess (Continued on adjacent page)



## 2nd Annual DMA Awards Day

At 1030 hrs on 1 November 1974 the second annual DMA Awards Day was held at Suitland, Md.

The Annual Awards Day program is designed to give public recognition to the people of DMA who have given supremely outstanding work performance during the past year and those persons and components who have contributed in a significant manner to their DMA Incentive Awards Program.

During this year's Awards Day presentations, awards were presented by VADM Cramer for Meritorious Civilian Service, Highest Cash Awards for Suggestions in FY 74, Most Adopted Suggestions in FY 74 (Individual), Component Whose Sugges-

tion Program Resulted in the Greatest Average Savings in FY 74, Component Having Greatest Number of Adopted Suggestions Per Capita in FY 74, and Special Achievement Award.

This year Glenn Swarouth, Carto Div, achieved recognition in the Highest Cash Award, and DMS achieved recognition as the Component Whose Suggestions Program Resulted in the Greatest Average Savings in FY 74. This was accomplished by the adopted suggestion on the consolidation of two Army skill specialties in the Cartography area.

The acclaim has been given and now we must concentrate on the fu-

ture. As all of us at DMS know, our goal is to maintain the quality of our instruction but do so in an economical manner, or at less expenditure of instructor manhour efforts and funds. The Incentive Awards program is designed to enhance and encourage the idea of doing a job better, or as well, for less and includes safety and welfare of all employees. It is our task now to keep the DMS on top, not necessarily in just the two categories noted this year, but in other and all areas. I'm sure our Director would not object to "across the board" recognition in all categories. Lets all get on the wagon - the Incentive Awards wagon that is.

(Continued from preceding page.)

what course this is? It's the TERRAIN ANALYSIS COURSE.

The Terrain Analysis Course (491-401), offered by the DMS, began producing qualified Terrain Analysts, MOS 81Q20 (formerly 51Q20), for the Army on 30 September 1973, for the first time since 9 June 1969. Nine people graduated from Class 1 FY 74, three students graduated from Class 2 FY 74, and there were nine graduates in Class 3 FY 74, to include the first woman Terrain Analyst. Presently, there are eight students undergoing training in Class 1 FY 75, with one member of the U.S. Army Engineer Topographic Laboratories auditing various parts of the course.

This course is so structured that the students are subjected to the wide variety of backgrounds and experiences of CPT's McMillan (Geography), Hey and Heindl (Photogram-



metry), ILT Fox (Geography), SP7 Kotteman (Senior Terrain Analyst) and SP6 Lynne (Geography) of the

terrain. As all of us at DMS know, our goal is to maintain the quality of our instruction but do so in an economical manner, or at less expenditure of instructor manhour efforts and funds. The Incentive Awards program is designed to enhance and encourage the idea of doing a job better, or as well, for less and includes safety and welfare of all employees. It is our task now to keep the DMS on top, not necessarily in just the two categories noted this year, but in other and all areas. I'm sure our Director would not object to "across the board" recognition in all categories. Lets all get on the wagon - the Incentive Awards wagon that is.

Terrain Evaluation Branch, TSD; instructors from Carto Div; and various instructors and guest speakers from USAES, ETL, and Davison U.S. Army Air Field. From this fine selection of backgrounds and experiences, the graduates are able to advise the field commanders where to go.

### CFC THANKS

Through the combined efforts of both permanent party personnel and students, the Defense Mapping School was able to meet or exceed its assigned goals for the Combined Federal Campaign. The totals:

|                     |              |
|---------------------|--------------|
| Participation       | - 100%       |
| Total Contributions | - \$4,824.28 |

Contributions exceeded the assigned goal by \$624.28. Thanks to all who participated in this very worthy cause.



## DMS Hosts Technical Directors

by Don Light

The Technical Directors from DMAAC, DMATC, and DMAHC, along with officials from the National Ocean Survey (NOS) and the Geological Survey's Topographic and Publications Divisions, visited DMS on the afternoon of 30 October for an orientation on the School and its curriculum.

The visitors were graciously welcomed by our friendly receptionists Mrs. Shirley Sundquist and Mrs. Judy Ethridge, and then escorted to the Conference Room. Coffee was served and after a few introductions and renewing of old acquaintances, COL Kurtz officially opened the meeting. He pointed out that the objective of the meeting, within DMA, was in concert with the Effectiveness/Productivity Program to assess our courses for their application to the Topo, Hydro and Aerospace Centers. The civilian non-DoD agencies were invited, as a cooperative effort, to inform them of what mapping charting and geodesy education and training is being conducted by the DMS which might be of interest to their agencies. The attendees were:

|                    |           |
|--------------------|-----------|
| Val Bauer          | DMATC     |
| Don Crane          | DMATC     |
| Gene Hastings      | DMATC     |
| Larry Ayers        | DMAAC     |
| Robert Beaton      | DMAHC     |
| Ken Rinehart       | DMA-PPL   |
| MAJ Joseph Cornejo | DMA-PPS   |
| Robert Macchia     | ETL       |
| Walter Chappas     | NOS       |
| Rupert Southard    | USGS-Topo |
| Ben Thien          | USGS-Pub  |
| Pete Dilonardo     | USGS-Pub  |

(Foreign Actv)

COL Kurtz briefed the attendees on the organization and management of the School. Don Light, DMS TD, briefed on the curriculum and introduced the Division Chiefs who briefed on the specific activities of their respective divisions. MAJ

Bill Sprinsky, C/Survey, was first, Maj Charles Ramirez, C/Cartography, was second, followed by Mr. McCullough, C/Graphic Arts, and climaxed by LTC Jerry Anderson of Topographic Sciences Division. The entire chronology of the mapping and charting cycle was presented in this manner



Address by the Director.

After these orientations, a tour was enjoyed by all. The tour passed through the planetarium on the way to the observatory and Wheeler Hall. Classes in all aspects of MC&G were observed. On the return to Bagley Hall, a stop at the Marine Reproduction Vans was of interest and then on to cameras, plate makers and pressmen taking courses in lithography finished the tour.



In the Planetarium.

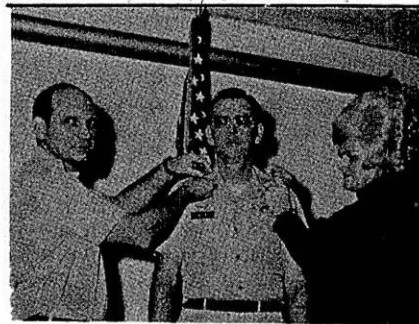


Visiting the Survey Division.

There seemed to be considerable interest in the DMS program, both for training newly hired people and for mid-career cross training of employees who are aspiring to broaden their scope of knowledge and capabilities in related MC&G subjects.

A good interchange was enjoyed by all and we hope to continue these relationships for the benefit of the federal mapping and charting community.

At the end of the meeting Mr. Bauer, DMATC's Technical Director, presented Don Light, DMS TD, with a plaque inscribed with, "In Recognition and Appreciation of Outstanding Service in Military Cartography." Don was employed by DMATC from 1955-1973.



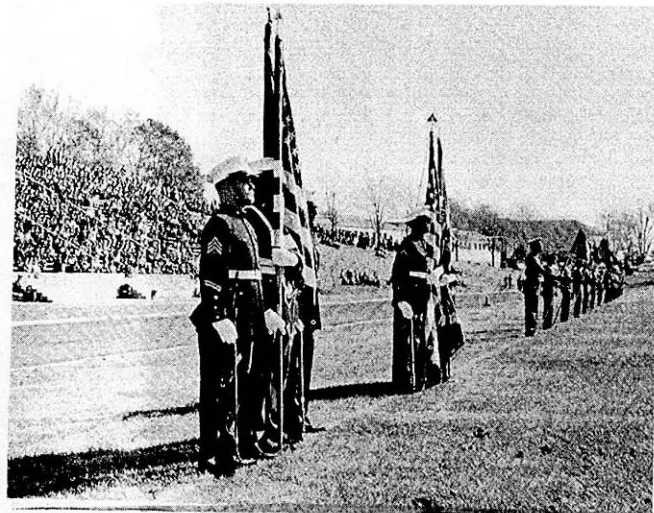
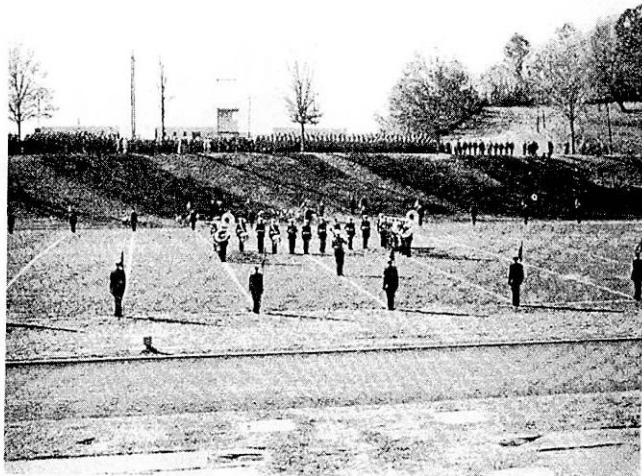
## White Promoted

31 October 1974 - FLASH - SFC Chester P. White gives up five years in-grade and gets reassigned all in one motion. What would lead a man to do such a thing? Let's look into his past and see.

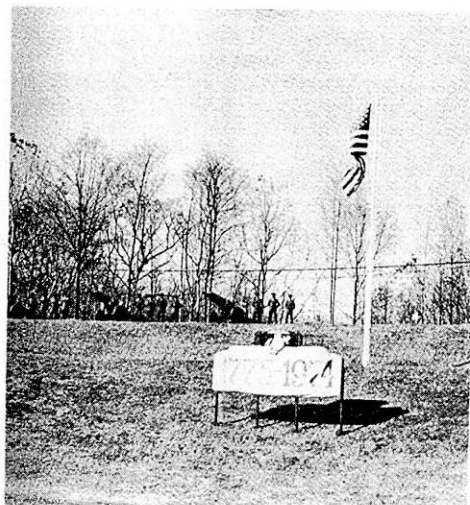
Following an impressive printing major at Tomlinson Vocational High, Chester spent 3 years working at a print shop in Florida. The recruiter got him in 1958, when he signed up for a stint in the Marines. Enlisting in the Army in 1962, he served with the 40th Engr Co, then the 95th Engr Co, where he became a SSG and press foreman. Assignments to PSYOPS units eventually led to Fort Belvoir, the Reproduction Equipment Repair Course, and Sergeant First Class. A Master Instructor, Chester has spent the past year in the Offset Printing Course writing lesson plans, participating in MTT training of Army Reserve and National Guard personnel. An active member of the community, he also finds time to work towards his Associate Degree in Printing Technology by attending Montgomery Community College.

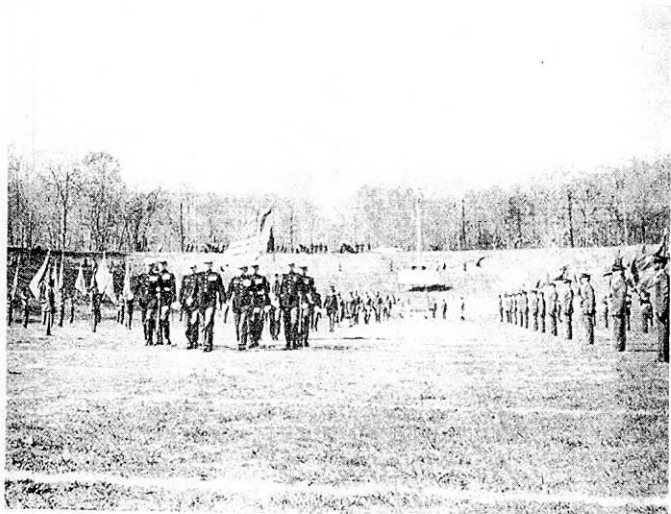
Oh yes, why did he give up all that time in-grade? He was promoted to Warrant Officer. Good luck at the 30th Engineers.



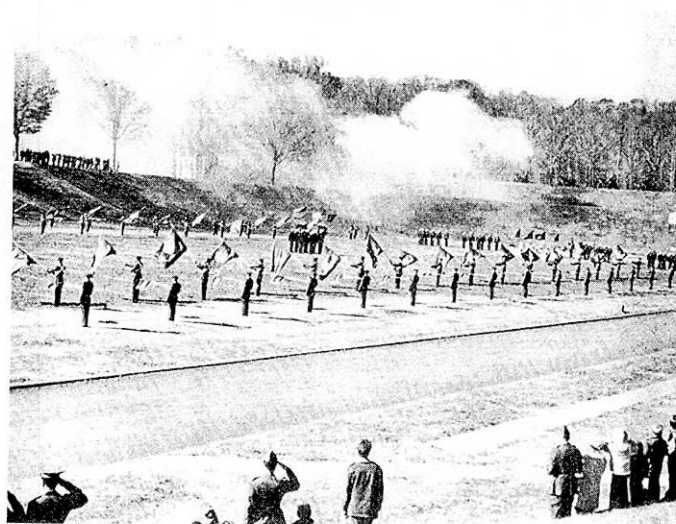
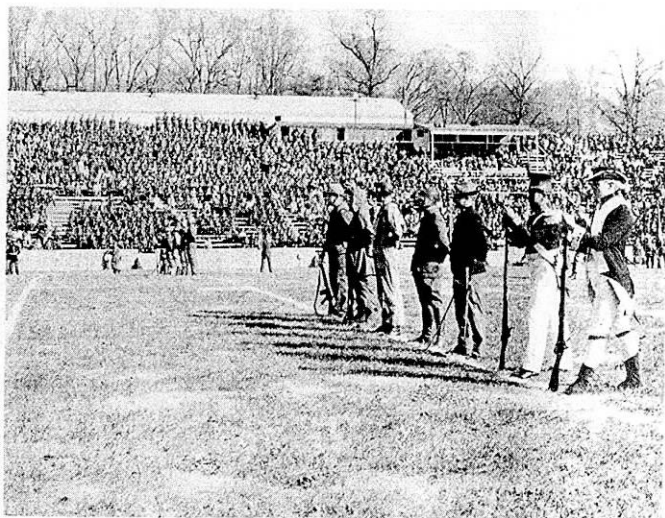


# USMC AT QUANTICO





**HAPPY  
BIRTHDAY**





(Marine Corps Birthday - continued from Page 1.)

1871 - The Corps newly adopted emblem, the Eagle, Globe and Anchor, received its baptism under fire during an amphibious landing in Korea.

In 1917, after repeated attacks upon American shipping by German submarines, war was declared on Germany. President Wilson ordered the formation of the American Expeditionary Force, which included the Fifth Marine Regiment. On 6 June 1918, Marines emerged victorious in the Battle of Belleau Woods earning the nickname "Devildogs", the French Fourragere, and 12 Medals of Honor.

On a peaceful Sunday morning, 7 December 1941, the Japanese launched a sneak attack on our Pacific Fleet at Pearl Harbor, dealing it a disastrous blow. Because of our long association with amphibious warfare, the Marine Corps was called upon to take the first ground offensive action against the Japanese. On the 7th of August 1942, the First Marine Division made an amphibious landing at Guadalcanal. Six months after the landing, Japan had lost the Island, 39,000 of her sons and a turning point in the war had been reached. The road to peace was a long one and on the way the Corps added to it's list of secured beachheads such names as; New Georgia, Bougainville, New Britain, Saipan, Tinian, Pelelio and Iwo Jima.

This later battle was best described by Navy Admiral Chester Nimitz, who said, "Among the Americans who fought and died at Iwo Jima, uncommon valor was a common virtue." It was during this battle that Marines raised the flag on Mt. Surabachi. On June 21, 1945, the island of Okinawa fell to allied hands and on 2 September 1945 an unconditional surrender was signed by Japan. The Corps reached the end of an unbroken series of victories.

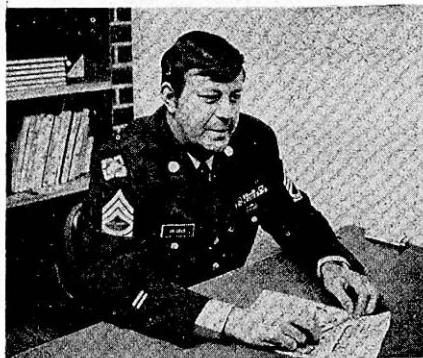
Barely five years had passed when the Korean War began. By the 27th of November 1950, the First Marine Division had advanced to the Chosin Reservoir, placing itself in a dangerous position. Their only alternative was a break toward the sea - the city of Hungnam. They did reach Hungnam. They emerged from the mountains tired and cold, but proud and intact. For the Chinese the operation was a disaster. The three Chinese Divisions which assailed the single Marine Division disappeared from the enemies list of operational units. In July 1953,

after three years of bitter fighting, the Korean Conflict came to an end.

During the entire military operation in Vietnam many Marines saw intense action. In 1962 Marine helicopters began operations, and in 1965, the 3rd Marine Amphibious Force landed in Vietnam. The Vietnamese Conflict has now ended and surely history will record the many deeds of the men of the United States Marine Corps and reflect their motto "Semper Fidelis" (Always Faithful).

(See photos on pages 7 & 8.)

## CARTO And DMS Extend Greetings To SFC De Geus



SFC Carmen L. DeGeus reported for duty with the Cartographic Compilation Branch, DMS on 21 Oct 74. He is returning from an overseas assignment in Korea where he served with the 652d Engr Bn (Survey Section).

SFC DeGeus (Dee) was born in Zeeland, Michigan. He attended schools in Zeeland and Holland, Michigan. He completed high school at Longview, Texas, and attended LeTourneau Tech College there for a short time.

He enlisted in the Army in April 1952. Upon completion of Basic Training at Ft Knox, Ky, he attended Airborne Jump School at Ft Benning, Ga, and Topo Survey School at Fort Belvoir, Va. He was then assigned to the Airborne, since, at that time, they more or less had priority on assignments of all individuals who wore the coveted "Jump Wings."

His assignments have been with the 82d Airborne Div, Ft Bragg, N.C. until June 1953. He then was assigned to the 187th Airborne Regimental Combat Team, and served with the Unit in Japan and Korea. He returned with the Team to Ft Bragg, N.C. in July 1955. After a few months at Bragg, he returned overseas to Japan; and was assigned to

the 64th Topo Survey Detachment, 100th RCKT Bn and the 29th Engr Bn (B)(T) from Oct 1955 to Oct 1958. From Nov 1958 till March 1961, his assignment was with the 66th Engr Co (T)(C) at Ft Polk, La, and Ft Bragg, N.C. He returned to Japan again and was assigned to the 29th Engr Bn, USAMSFE from April 1961 till May 1966; he was assigned to the Engineer School at Ft Belvoir, as an instructor in the Advanced Geodetic Survey Course from May 1966 till June 1969. His turn for Vietnam came due and from July 1969 to July 1970 he served in Nam with both the 569th and 66th Engr Co (T)(C). Upon completion of his Vietnam tour he was assigned to Ft Meade, Md, as an Advisor to U. S. Army Reserve Topographic Units, with a duty station at Lieber U.S. Army Reserve Center, Alexandria, Va. This slot was abolished in October 1973, and he was assigned to Korea.

Other schools that he has attended are Gravity Meter Repair in Texas, Map Compiling Course Ft Belvoir, Va, and Advisor Course at Ft Meade, Md. He has been enrolled in the Washington School of Art since Oct 1972. This is accomplished through the LaSalle Extension University program.

He has a great interest in the Commercial Art field and currently is doing work in Water Color and Oil painting. Dee admits that many of his inspirations for completing Art Lessons are acquired by his never ending fishing trips. This gives him the opportunity to view the scenic beauty of the land. It should alert Doug Sexton that "Dee" is around his fishing spots with sketch board, rod and reel in hand. He also knows some choice spots "ole Doug" doesn't know about. He states that he always catches fish. CWO Jones, can verify that; even a few fish were caught in Korea.

Dee arrived here accompanied with his wife, four children and a dog, "Lassie", who also catches fish. His children attend Edison High, Mark Twain Intermediate and Rose Hill Elementary Schools.

CONGRATULATIONS TO THE NEW  
PAPA IN SURVEY!



## DMS's Fair Share

by Kathy Kelly

On Saturday, November 2, a blazing sun beat down on the roof of Specker Field House. In the early morning, passerbys could hear the voices of a few men and women busily discussing where this and that should go; catch the scent of hot dogs beginning to cook, cotton candy beginning to spin or popcorn beginning to pop; and maybe steal a glimpse of the hundreds of handmade crafts and dozens of games and booths.

A half hour before the fair was to open up, the last minute touches were being put on the months and months of preparation. Some women were attractively arranging their booths while others pinned up signs or blew up balloons.

Walking through the field house, one could see that many, many people working innumerable hours must have been involved in this fundraising activity.



Bill applying final touches to Bozo Barbara.

The wives of the Engineer School sponsored the games section, with the DMS wives in charge of the "Lollipop Tree" and the "Pick-a-Pocket Clown."

Before the doors opened up, I passed by the "Lollipop Tree" booth and noticed some rather interesting activity going on in the corner. Barbara Kurtz was sitting in her Pick-a-Pocket Clown outfit while the famous make-up artist, Grease Paint Locke, put on her clowny face. Meanwhile, the two co-chairwomen, Sally McIntosh and Janet McClatchey finished laying out the prizes and filling up the "Lollipop Tree."

Throughout the day, hundreds of people came and went through the doors of the Field House. Families, young people, children, everybody. A young girl pulled her boyfriend towards the shooting game, hopefully wishing for the huge stuffed animal; a wife pointed to one of



Bozo Barbara Kurtz.

the abstract paintings for sale and explained to her husband how perfect it would look above their couch; a small boy with cotton candy all over his mouth pulls the last coin out of his jeans to buy one more hot dog; a baby girl slowly walks up to the big clown and stares with wondering eyes. These are the kind of things that compel people to leave their worries and cares at home and come to the fun and excitement of a country fair.

DMS's Pick-a-Pocket Clown came in 4 different sizes and shapes that day. There was "Bozo Barbara" (Barbara Kurtz), "Bozo Mina" (Mina Anderson), "Bozo Sam" (Sam Thompson), and "Bozo Boomer" (Bill Locke). They walked the floor in shifts taking tickets from kids,

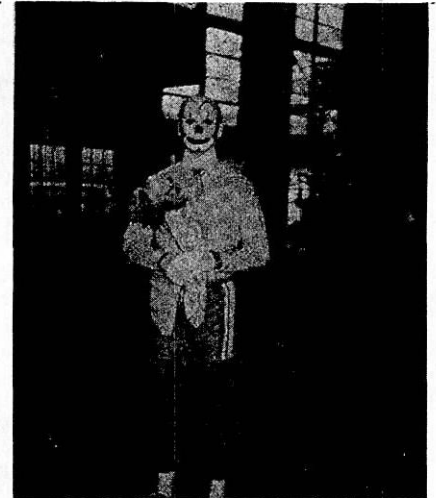


Bozo Sam Thompson

who in turn reached into one of the many pockets on their suits and pulled out a prize.

Other DMS people actively involved in the fair were Fritz and Norma Boyer, Nancy Marcy, Babs Thompson, Wes and Alma McMillan, Orle and Kazuko Keller, Ellen Good, Carol Heindl, Jerretta Hey and Evelyn Swarhout.

DMS successfully shared in this activity which raised approximately \$7,000.00 for YASA (Youth Activity Support Association), a donation for equipment to Dewitt Army Hospital, and other worthy causes.



Bozo Bill (Boomer) Locke

## DMS Christmas Party

Make your reservations now! Adjust your holiday schedule to this date ... December 16th, in the afternoon.

This is the time of DMS's Christmas Party. The exact place and time of this event will be announced later in The Contour.

The committee for this "family" gathering is being chaired by LTC Anderson whose select group consists of CW3 D'Alessio (TSD), SSG Braswell (GAD), Mr. Freeze (Survey Div), SGT Walzberg (PPO), Mr. Ferguson (Bud & Mgt), and Mrs. Ethridge (PRT).

Look for further details in the next issue of The Contour.

**SAVE  
ENERGY  
AT WORK**



## Old Jake - DMS Instructor Of The Month For October

by Judy Ethridge

Amid the constant pressures of change in this 'new' Army, there remains one stalwart of the old theory that a little kindness goes a long way. That strong influence among the DMS faculty comes in the form of Mr. John L. Jacobs, the DMS Instructor of the Month for October, 1974. Jake, as he has come to be known affectionately to all his fellow workers, has been on the DMS teaching staff since September, 1969, as a Training Instructor. His current assignment is with the Lithographic Plate Section, Graphic Arts Division.

Jake, after entering the Army in 1948, served with the 7465th Engineers in Corozal, California, as a Platemaker. 1954 found him at Fort Belvoir as an Instructor with the US Army Engineer School. Besides returning to the School in 1963 and again in 1968, Jake also saw duty with the 656th Engineers in Germany and the 66th Engineers in Vietnam. In 1968, the industrious instructor retired from the Army, and subsequently joined the faculty as a civilian in September, 1969.

Among Jake's many accomplishments is his recent acquisition of the "124th Decibel Degree Award" in the DMS Sound Program. As one instructor put it, "When he was a boy, Jake swallowed a megaphone." His voluminosity is not to be scorned though, as he also enjoys the reputation of being one of the most effective instructors at the School. Jake seems to be able to reach students when no one else can.

While being interviewed about Mr. Jacobs, a DMS Sergeant remarked, "Jake and I were in Vietnam together - only he was on the other side. He was there for six months before he knew that VC did not stand for very careful. His contributions in Vietnam helped to prolong the war by at least twelve months." Now Sarge, you must admit that Jake is a good guy. After all, how many of your fellow workers are there who can explain to you the nutritional value of laterite as opposed to sand? Congratulations, Jake.

## The World Of Mr. Franke

by Philip Piel

And what a world, his friends call him Mr. Ed even though he has never been on TV. We at DMS are continually amazed at his ability to channel students in to what could be shortfall classes. A phone call here and there by Mr. Ed and students come marching in.



Mr. Franke is a graduate of Detroit's Southwestern High School, he has completed three years of study at the University of Detroit night school, while working as a Process Lithographer.

The one and only Mr. Ed entered the Army as a Private in January 1942. In August 1942 he graduated OCS and was commissioned a Second Lieutenant in the Army Engineer Corps.

Our Mr. Ed served in Europe during WW II and Korea in 1959. In December 1956 as a Major he assumed command of AMS, San Antonio Field Office; of his Staff he was heard to say "I run the joint, they only help." While serving as Commander

of the San Antonio Field Office our man was promoted to LTC. Upon receiving orders for assignment to Korea his parting words were gems of wisdom, "I worked my fingers to the bone for AMS and what did I get? Boney fingers."

The then LTC Franke took advantage of the Army "Bootstrap Program" and majored in economics to graduate from St. Mary University. Commenting on the Army's "Bootstrap Program" Mr. Ed says "This could only happen in America."

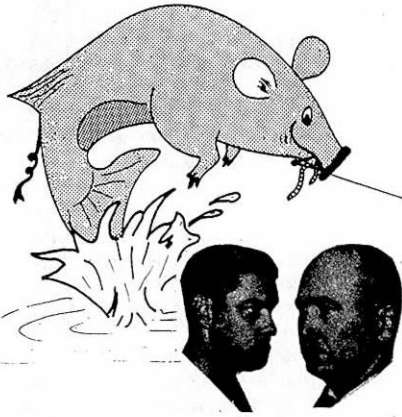
Only recently the Northern Virginia Catholic Committee on Scouting sponsored the presentation of the St. George Emblem, to select Northern Virginia Adult Scouters. This emblem extends recognition, honor, and gratitude to persons who have demonstrated an outstanding contribution to the spiritual development of Catholic youth in the program of the Boy Scouts of America. To whom? None other than our own Mr. Ed.



But how about the woman behind the World of Mr. Franke? Our man met the lovely Miss Patricia Allitt during WW II in London, England. They married in 1944 and now have a fine family of 1 girl and 2 boys.

Hollywood has their man Flint - DMS has our man Mr. Ed, and does he like kidney stew.





## Professional Over Cast

Now, everyone has heard big fish stories, some of 'em kinda hard to believe. Also, almost any day, fishermen are found in some odd predicaments, such as lines caught in the trees, treble hooks caught in clothing, falling out of boats, dead motor, and so on, but here's one that will top them all, cause it's true.

It seems as our two fishermen were sitting in the boat about 30 yards offshore, trying hard to be the best, so everything was being done by the book. Therefore, the one sitting in the rear was reading the instructions as the one in front was going through each step, exact and painfully slow - as a rule, fishermen don't care.

Well, on Page 5, came the "Professional Over Cast." "Taking the rod handle in the right hand (left, if left handed) bringing the rod up so that it is positioned vertically just behind the head and shoulders, bending only the right elbow, keeping the wrist well back, and as the rod comes forward by straightening the elbow, snap the wrist forward." The instructions were followed explicitly, but the bait, a big red plastic worm, landed well onto the shore close to a patch of bushes. As the bait hit the ground a large 300 pound hog darted out, looking at the red plastic worm. Doug, in front, moved only his head, turned slowly and looked at Ron, who already had that Hungry Hawk look in his eye, saying "easy - easy, play him easy." Doug, apparently thinking this was all part of the instruction, twitched the rod, causing the bait to move just a little, not too far, like any good bass fisherman would do, to tantalize the prey. At this point, the hog snapped up the worm and started to run. The line began singing off the reel, Ron hollering at the top

of his voice, "Set the drag, slow him down, now quick set the hook and turn him, turn him Doug!" The hog by this time was squealing from the pain of the hook. The pig squealing, combined with Ron's hollering, caused quite a commotion and naturally other fishermen on the lake began to wonder and possibly worry about what was going on. Some of them knew these two and had reason to worry.

Of course, the pig broke the line and ran off through the bush - still squealing. This episode did not embarrass our fishermen one bit; as quick as they returned, they straightfaced and very excitedly told everyone about "The Big Piscine that got away." Checking with Webster - Piscine - of relating to, or characteristic of fish.

Oh yea, the hook was lost during the big fight.

## Basketball Team Needs Players And Help

by Sam Thompson

It's time for the DMS jocks to move inside. Basketball season starts on 25 November with 31 teams at Fort Belvoir participating. DMS will play on Monday and Wednesday nights at either 1830, 1945, or 2100 hours.

Right now the problem is participants. Coach Ed Marcy says anyone can make the team whose body temperature is above room temperature. You don't need "good hands", just hands. If you can't "dribble", Ed says to try drooling.

But we need players! Give Coach Ed a call at 41879. He'll arrange for a couple of practice sessions followed by two scrimmage games and we'll be ready for the season.

Now for the HELP part of our needs. It would be of great benefit if someone would volunteer to either keep the books or assist others in keeping them during the games. Anyone can teach themselves the procedure in a few minutes. League rules require that each team provide one man to sit at the scorers table to identify players, assist the time keeper, and occasionally maintain the official score book. How about it wives, DMS ladies, senior citizens, etc???

## Gano The Giant Killer

by Sam Thompson

John Gano pulled off his second upset of the tennis tournament by

beating Sam Thompson in a closely contested match, 4-6, 7-5, 6-4. He now faces Joe D'Alessio who advanced to the 4th round with a bye. Assuming John gets by Joe, he'll be faced with a very worthy opponent, Fritz Boyer. Fritz is the only undefeated player in the tournament.

Fourth round action produced these results.

|           | 4th ROUND     |          |
|-----------|---------------|----------|
| WINNER    |               | LOSER    |
| Boyer     | 3-6, 6-2, 6-3 | Anderson |
| Gano      | 4-6, 7-5, 6-4 | Thompson |
| Springer  | Forfeit       | Hey      |
| D'Alessio | Bye           |          |
| Marcy     | Bye           |          |

Fifth round action pitted the two undefeated members (Boyer and Marcy) against each other. Now Fritz is the only undefeated player.

|          | 5th ROUND      |           |
|----------|----------------|-----------|
| WINNER   |                | LOSER     |
| Boyer    | 6-1, 6-0       | Marcy     |
| Anderson | 8-6, 6-3       | Springer  |
| Gano     | (To be played) | D'Alessio |

At this point only Boyer, Marcy, Anderson, Gano and D'Alessio remain alive. Stay tuned for the final two rounds in the next Contour.

## Bowling

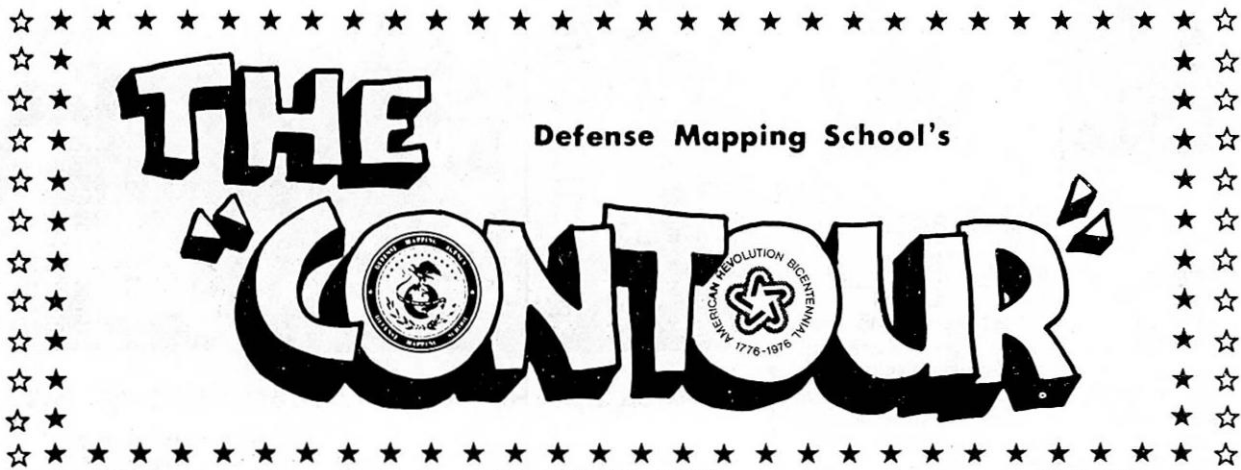
The DMS team in the Monday night Castle Bowling League had a great night and took all four points from the Camp Humphries Sappers. The hot bowler from DMS was Jim Harneden with a 576 series with games of 161, 203 and 212. All other bowlers were under 500 but were very consistent. Mac McCullough had a 494 series, Vaughn Nelson a 485, Bernie McIntosh a 498 and Chuck Rottman a 498. The team is now in fourth place in the Castle League with a 21-1/2 - 10-1/2 record.

| NAME       | HDCP | AVG | GMS | TTPNS |
|------------|------|-----|-----|-------|
| McCullough | 17   | 157 | 21  | 3294  |
| Nelson     | 16   | 158 | 18  | 2849  |
| McIntosh   | 14   | 161 | 18  | 2902  |
| Fraeze     | 36   | 131 | 18  | 2374  |
| Harneden   | 7    | 170 | 24  | 4103  |
| Rottman    | 5    | 173 | 18  | 3103  |

## DMS MIXED LEAGUE STANDINGS

| NAME        | WON | LOST | AVG  | TTL PNS |
|-------------|-----|------|------|---------|
| Watergaters | 24  | 12   | .580 | 15669   |
| MC's        | 23  | 13   | .555 | 14989   |
| 7's on Tap  | 22  | 14   | .528 | 14279   |
| R.V. Rats   | 21  | 15   | .525 | 14186   |
| Gadabouts   | 19  | 17   | .565 | 15255   |
| Big Deals   | 13  | 23   | .512 | 13835   |
| 4 Dingbats  | 11  | 25   | .483 | 13067   |
| Lucky Four  | 11  | 25   | .461 | 12447   |





# THE

Defense Mapping School's

# "CONTOUR"



VOL.1

29 NOV 1974

NO.10

## LIFELINE

by Dee Goulding

Only you can help us now. At November's ebd DMS has fallen 37 pints short of its 1974 Blood Donation Quota! It is a sobering fact that unless the DMS family rises to this challenge by the end of December we (as DMS people and as individuals) could lose the blanket blood coverage which we have enjoyed for all these many months.... (DMS as an organization has a yearly quota it must reach in order to be assured that an unlimited blood supply is available for all DMS people, civilians, military, families and friends. Blood is replaced at no charge for a member of

an actively participating organization.)

Would you believe the DMS records show that 6 regular donors have been towing the lifeline for the entire DMS family of 200+ staff/instructors and a cosmic number of their family members and friends?!...We at DMS are not known for dropping a challenge. Let's support the combined DeWitt Army Hospital American Red Cross Blood Drive this holiday season and throughout the year. You will be giving the gift of life itself to yourself, your family and your friends.

...Now-follow the LIFELINE in the following pages...

## A HAPPY

# THANKSGIVING

## TO ALL



Trullarkov



## Thru The Transit

### GEORGE WASHINGTON SLEPT HERE.

Three times this week I had occasion to inform visitors to DMS that Fort Belvoir is a great location for our School. George Washington as a young man got his start in surveying right here on some of the same terrain that we use to train today's surveyors. His course was systems engineered and he also had to demonstrate his performance to his instructor before he was allowed to go out and practice. He later received recognition for his on-the-job experience surveying in the Western part of Virginia. Also, he could have received academic credit to his continuing education if there had been an engineering school. Since there wasn't, he went on to create the first school of military engineering at West Point. This background sets the stage for follow-up actions we are now taking.

CREDIT FOR SERVICE EXPERIENCE. We know that graduates of our School who have been able to work in their skill received very valuable experience. This has helped them get jobs when they return to civilian life; but we live in a fast moving age, and needs change. Perhaps in our systems engineering effort today we need to take a look at the actual tasks and skills needed in today's society and make sure that we are giving our graduates what they will really need. In some cases we may want to propose to the Services appropriate changes in military occupational specialties. This week we met with representatives of the US Department of Labor to discuss mutual interests in this regard. What do you think?

TRANSCRIPTS. We believe that it would be highly desirable if our graduates could receive a college transcript for completing a DMS course, in addition to our diploma. This week we also met with representatives of the Southern Association of Colleges and Universities as part of our current effort to obtain accreditation for DMS as an institution. We are also following up with the American Council on Education which recommends an appro-



## Searfoss Speaks At Map/Chart Printing Symposium

by Don Light

The annual Map/Chart Printing Symposium was held at the DMA Topographic Center on 16-18 Oct 74. The DMA Aerospace Center was the host agency this year and AC's C/Graphic Arts, Otto C. Stoessel, was the Chairman of the symposium. Mr. William Riordan, DMA HQ, gave an inspiring keynote address that set the stage for three days of technical exchange between the printers of DMA Components and the USGS, NOAA, ETL, CIA, 30th Engr Topo Battalion, and NAVOCEANO. Random Dot Reproduction Procedures, Punch Register Systems, Color Process Printing and Alcohol substitutes were among the numerous subjects discussed by a number of experts.

George Searfoss of our own Graph-

ic Arts Division told the DMS story in his presentation "Existing and New Training in the Graphic Arts at the DMS." George's presentation prompted several inquiries about our courses in printing, and several of the agencies' representatives indicated they wanted to know more about the DMS.

Francis Federline, DMATC's Graphic Arts Chief, summarized the symposium by calling for cooperative efforts in testing, standardization of materials, and exchange of information and personnel.

The attendees agreed to hold the next symposium at the new USGS facility in Reston. The photo shows the attendees in front of DMATC. Don Light and John Aranza, along with George Searfoss, represented DMS and are identified in the picture.

appropriate amount of semester hours that could be accorded graduates of our courses. Once we have accreditation, we should then be able to work out arrangements with a number of colleges and universities to accredit specific courses and award the proper number of semester hours to our graduates who might enroll with them concurrently. We hope that ultimately the resulting transcript and also any additional credit that might be awarded for on-the-job experience in the Service will enable DMS graduates not only to continue their education

but also obtain career advancement. THANKSGIVING. I am thankful that we finally have an opportunity to think about how we can make DMS a better school for our people and our graduates. This is very hard to do in a mobilization situation like we have experienced in the past.

BLOOD. Lets give!

APPS TRAINING. Elsewhere is reported our APPS training - a new 5 day course suitable even for MTTs! Thanks to all who have helped us increase our responsiveness to user needs.

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 Department of Defense.

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Director: COL M. K. Kurtz, Jr.  
Editor: CW3 R. L. Lesinski  
Assoc Ed: Carla Davis



## And The APPS Keeps Rolling Along

by Sam Thompson

Hidden deep in a hangar among A-6, F-4, and F-14 aircraft at Oceana Naval Air Station could be found ENS Dee Goulding, CW3 Lonnie Parker and Mr. Bob Cherry (DMAAC Technician), who were teaching the Analytical Photogrammetric Positioning System (APPS) to all comers.

While instructing 15 students, Mr. Cherry learned about programming; Dee learned that Oceana is in Virginia Beach, not Norfolk; and Lonnie learned about the cassette memory. In addition to a totally successful week of instruction, a number of other things were accomplished.

A modification was made to one of the APPS programs to allow it to compute nautical miles, which when combined with true air speed, produced the flight time between derived points. One of the students tested the results on a night flight. First he input the positions, bearings and time derived from the APPS into his aircraft computer. After a fully automatic flight, the video tape of the bomb run showed that they had a bull's-eye on the target. A recommendation by our Marine student was to eliminate Navy pilots, put APPS in the front seat; thereby saving two pounds of bananas per flight.



Lonnie Parker with Marine student

From 17 to 21 November, Captain Jim Jensen traveled to the sunshine of Holloman AFB, Alamogordo, New Mexico, to provide technical assistance for the set-up and operation of the modified version of the APPS. The Engineer Topographic Laboratories modified APPS has Baush and Lamb Zoom Optics, which replace the standard stereotype oculars, and a back-lighting system, which provides the operator with the option of using film positives instead of cronopaque prints.

Once the APPS was assembled on site at Tula Peak, Jim demonstrated the zoom optics and back-lighting modifications to the two experienced APPS operators, Mr. Len Yarborough (DMAAC Technician) and AIC Florentino from Mountain Home AFB, Idaho. While the APPS stayed with them for use in a special evaluation conducted at White Sands Missile Test Range, Jim returned to weather typical of Northern Virginia in November.

## On The Air

by Bob Imagire

The DMS Cartography Division's Construction Drafting and Cartographic Compilation Branches have recently begun using the Sony Audio-Visual Cassette Player with amplifier. This electronic audio-visual equipment is portable and plays back cassette video tapes through television monitors which have been modified to use the signal output, and is therefore usable in most any classroom situation.

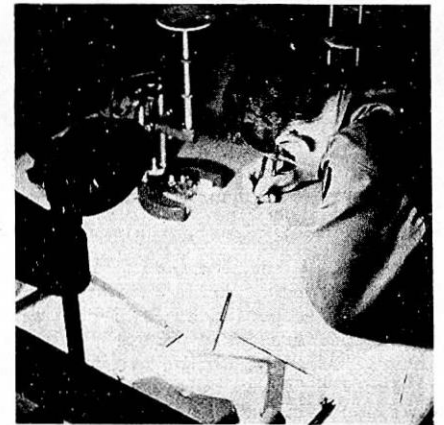
When the need for remedial or makeup instruction is identified, the instructor can use the playback device to locate the correct segment of the video program and turn it over to the student.

In conjunction with the Vikon 940 video trainer, qualified personnel can develop and immediately play-

back audio visual lesson materials. Construction Drafting Branch is in full swing, preparing a series of "How to Draw" video cassettes, and the Cartographic Compilation Branch has a cassette series on the "Changing Earth." The Carto Div also has numerous instructional video tapes in cassette form for remedial and makeup instruction.

Video cassette is just one method of lesson presentation and is not the answer to all instructional development problems. However, properly prepared and utilized, it can aid both the instructor and the student in achieving the objectives of a lesson.

**LIFELINE:** Be a most generous donor without digging into your pocket. Give a pint of blood.



## How Deep Is MTT Support

by Glenn Swarthout and  
Roger T. Pelletier

Mobile Training Team (MTT) Support is an everyday occurrence here at the DMS, but how many can actually vision how deep this support is? Survey has been providing instruction to the 953rd Engr Det (Geo)(Surv) of New Kensington, PA for some time but who would think that Carto would also fit into this picture? Well here is how! The 953rd has been asked to support a community action project concerned with the movement of earth under a housing project. That was fine and they were able to monitor the movement on a continuing basis; however, they found that they did not have a base map of sufficiently large scale on which to plot their information. That was when the call came for Carto assistance. As it turned out, the project turned into one of mutual assistance between

(Continued on Page 6.)





## USAES Instructor Of The Month

by Kathy Kelly

Mr. Robert M. Jones, Master Instructor and Chief, Construction Survey Branch, Survey Division, was selected as USAES Instructor of the Month for September. On Wednesday, November 20, Bob received a framed certificate presented by General Johnson at the award ceremony held in Abbot Hall.

Bob had been nominated for DMS Instructor of the Month last July and September. In addition to his innumerable duties as Branch Chief, Bob prepares and presents many hours of instruction to the Construction Surveying classes. The average student opinion scores of 4.86 to 5.00 reflect Bob's ability to effectively present instruction and meet course objectives. He has also given up off-duty hours in order to help students with low math levels, and he also serves as a student counselor.

Other special duties that Bob does or has recently done includes Project Officer for MOS Test 82B, Project Officer for Revised 51CMF, and Planetarium Tour Director. A recent project of Bob's was the 412 Group Series Review for Army and Intra-Service.

Even with his busy schedule, Bob finds time to write Lesson Reference Files for Construction Survey courses and revise the Construction Survey Subcourse and TM 5-233.

In an attempt to further his knowledge and skills, Bob is participating in the NVCC Civil Tech Program. He is presently taking night classes in order to obtain an Associate Degree in Land Surveying. He is also taking a correspondence course in Soils Engineering.

Bob had military tours at DMS in 1962, and from 1965-1968. Back in

1947, he completed the Topographic Surveying Course at Fort Belvoir. In 1957, he served as Operations Sergeant in the 29th Engr Bn and USAMSF. From 1961-1962, he was NCOIC of the Map and Intelligence Branch of the Training Lit Division. In 1962, he attended the Topographic Computing Course at Fort Belvoir and became NCOIC of the Topo Computing Branch. From 1963-1964, he served as Party Chief in the 64th Engr Bn. From 1964-1965, Bob was Operations Sergeant in the USA-Ethi-Map Mission. Between 1965 and 1968, he served as NCOIC in both the Carto and Geodetic Division of DMS (formerly D/Topo). Retiring in 1968, Bob attended the Advanced Geodetic Survey Course and returned to the school as a training instructor in the Survey/Computing Branch. Last year, he was promoted to Chief, Construction Survey Branch.

Not only that, but Bob and his wife, Helen, are the Number One Egg-Tossers in the entire School as demonstrated by them at the DMS Picnic last August.

Bob and his family spend a lot of their free time on their boat or in the water skiing.

Congratulations, Bob, from all of DMS on your selection as USAES Instructor of the Month.



## "Charlie Brown Joins The Army"

by Kathy Kelly

If Snoopy can join the Flying Aces, what's to keep Charlie Brown from joining the Army? Who knows? Maybe Charles Schultz will have that short, funny looking Peanut character at the recruiting station next week. But the "Charlie Brown" I'm referring to is DMS's own character, MSG Robert L. Brown. He doesn't own a half-human beagle,

although he walks around as faithfully with his coffee cup as Snoopy does with his food dish, and he doesn't have a big ol' pumpkin head, but you can find him walking around at times mumbling, "Good Grief!" Whatever the reason, Robert Brown affectionately became known as "Charlie Brown" in 1970 when he joined the rest of the DMS people.

Charlie is presently the Senior Instructor in the Optical Survey Instrument Repair Branch, Survey Division. Before this position, he supervised survey parties and taught surveying in many other places including Germany and Liberia, and, of course, here at Fort Belvoir.

Charlie's military education includes training in the 82D, 82E, AGSC, ENCOAC, Training Supervisors, and Instructor Training Courses, and also attendance to the NCO Academy. He is now in the 81-C Course in preparation for a secondary MOS.

Since his entrance to the Army in February, 1958, Charlie has received the National Defense Service and his 5th Good Conduct Medal.

During his childhood, Charlie Brown became interested in sports. Instead of excitement and vitality, he found only an undependable football holder, kite-eating trees, and a baseball team with no confidence. Good grief!! Actually, Charlie devotes a lot of his free time to camping. He has a beautiful camper which enhances his interest in the outdoors and compels him to spend time in such places as Skyline Drive. He also works in the Fort Belvoir Bowling Alley.

Well, Charlie Brown, we're certainly glad you're working for DMS and not for Peanuts.



## New Faces At DMS

by Kathy Kelly

The two new faces on the third floor of Wheeler Hall belong to Construction Survey's two new instructors, SP4 Gregory Toth and SFC Arnold Lagerquist.



SP4 Toth was born in Hammond, Indiana. He took his basic training at Fort Polk and was the Distinguished Graduate in the 1 FY 75 Construction Survey Class.

SP4 Toth left Purdue University in 1973 after obtaining a B.S. in Engineering.



SFC Lagerquist, an 82B40 Construction Surveyor, came to the Defense Mapping School from HHC, 30th Engr Bn after being there for the past 2 years. In his 17 years in the Army, SFC Lagerquist has been stationed overseas in such places as Germany, Vietnam, Korea and France.

This native of Karlstad, Minnesota is currently enrolled in some NVCC courses in Civil Engineering.

SFC Lagerquist and a partner run a Construction Survey outfit in their off duty hours. But in his few free minutes, he spends a little time fishing.

Welcome to the School from all the people of DMS.

## SGT Lucas

by R. Imagine

Sergeant Howard L. Lucas, better known to his friends as "Luke", has been assigned to the Construction Drafting Branch, Defense Mapping School, for a little more than two years.

Luke entered Army life in April of 1967 at Buffalo, New York, which is also his home state. Upon completion of Basic Training, he was enrolled in the Army Security Agency Course at Fort Devens, Massachusetts. After that nerve-racking and nail-biting experience, he was assigned overseas to Bad Aibling, Germany, where he performed and developed his unique talents as an illustrator. At the conclusion of a three year tour of artistry, Luke was reassigned to Fort Devens, with a duty MOS of 83D20, Process Photographer and Fingerprint Technician, for approximately one and a half years. He was nominated and accepted in March, 1972, for assignment to the Defense Mapping School, where he has been a tremendous asset to the Construction Drafting Course. Luke's outstanding contributions have brought him recognition, being chosen DMS Instructor of the Month in September of this year.

He has always possessed more than a casual interest in artwork and illustration and, in the past few years, has developed and displayed this interest in his activities at DMS. He has worked on several "special" projects for various staff and academic functions, and is very popular with those who need art and illustration support in their endeavors. An example of his appreciative art support is frequently observed in the DMS newspaper, "The Contour". In fact Luke created the original heading that appears on our paper. He also has had several of his cartoons published in "The Contour".

Hang in there, Luke! We are proud of you, and it is a pleasure to serve in the same organization with you.

LIFELINE: Do yourself or a loved one a favor now. Bank a pint of blood so that anyone, anywhere, anytime can draw on your account free-of-charge.



## Hello And Goodbye

by Kathy Kelly

SSG Melvin Johnson is on his way out of the School after only being here since the beginning of August. So here's our chance to say HI and BYE.

Melvin has been an instructor in the Survey Computing Branch, Survey Division since 7 August 1974. He took basic training at Fort Lewis in 1968. During 1969, he was an Intelligence Analyst at Fort Hood. From 1969-1970, Johnson was a Party Chief/S2 in Thailand. In 1971, he was an Admin NCO. During this time, he attended the Basic Instructor Training Course at Fort Belvoir. From 1971-1973, Johnson was stationed in Germany. While there, he served as Artillery Survey Party and Section Chief. He also attended the N.B.C. School. In 1974, he was Arms Room NCO and Assistant Supply Sergeant. Johnson also ran the gymnasium.

After graduating from the Geo/Conss Course here, Melvin became an instructor in the Survey/Computing Branch. His education also includes 2 years at Grays Harbor College where he majored in Psychology and also had classes in Physical Education.

Melvin, a native of Aberdeen, Washington, is leaving DMS shortly for Fort Lewis where he has reenlisted as a station of choice. He'll continue working as a surveyor. As of now, he'll be working for Uncle Sam until at least 1978.

Best of luck to you in the future.

LIFELINE: Watch for your chance: 5 Dec & 19 Dec are the dates to remember.

(How Deep Is MTT Support - continued from Page 3.)  
reserve units too.

MSG Dunn, Survey Div, met with CW3 Swarouth and CW3 Pelletier, Carto Div, and the necessary source materials were identified. These materials were delivered in sufficient time for the project to be utilized in the instruction prepared for SSG Metzgar attending the Basic Cartographic Supervisors Course. SSG Metzgar planned and developed the cartographic effort required and then performed the actual production.



From the aerial negatives provided, diapositives for the ER55 Balplex projectors were prepared. The Balplex Plotter was utilized as it has been equipped with the SFOM Ortho Photo instrumentation and this project could be handled in this manner. Carto Comp Br is providing to Survey Computing Br orthophoto prints at scales of 1" = 400' and 1" = 200' with 5 foot contour interval overlay imposed on it.

All of this is in keeping with the mission to provide the customer with the best service within the limitation of funds, equipment and time allotted. And additionally it establishes a rapport not available previously. Best of all it provided a real situation for student development and therefore improved motivation.

## Cartography And The Reserves

by Roger T. Pelletier

SSG Mike Metzgar from the 955th Engineer Company (Topo)(Corps)(Reserve) located in Alexandria, VA was the first student to attend the Basic Cartographic Supervisor Course (Reserve). SSG Metzgar's full time employment is with the Eastern Mapping Center of the US

Geological Survey at Reston, VA as a Cartographic Technician.

Mike returned to active reserve status in May of this year after a seven year break, and assumed the duties of the Cartographic Platoon Sergeant. In this capacity, he felt a need for further training in the management and control of cartographic projects. Through CW3 Pelletier he learned of the course specifically designed for reserve personnel, and took immediate action to attend the course.

Under the supervision and guidance of CW3 Pelletier, SSG Metzgar developed instructions for a platoon level project, researched necessary source materials, made time estimates for target dates, and accomplished the necessary work to complete the assigned project. The course is designed so that much of the actual instruction is in the work project mode, thereby reducing the required full time instructor effort.

Although this course is normally the responsibility of Topo Sciences Div (TSD), the Cartographic Compilation Branch provides the necessary instructor support due to a shortage of Carto personnel in TSD.



In the photo SSG Metzgar is shown receiving his certificate from ENS Goulding of TSD-MCB.

All DMS Officers and civilians, GS-9 and above, USAES XMAS PARTY at the Engineer Mess.

19 Dec 74

2000 - 0100 Hrs

Entertainment, Dancing, Food, Door prizes.

Tickets are \$5.00 per person. Purchase your tickets from LTC McIntosh.

DMS will decorate a XMAS tree. ANY IDEAS? Give them to LTC McIntosh.



## Andy Receives Academic Award

CW2 Andrew "Andy" Yacenda, TSD, received the Academic Achievement Award and a \$25.00 savings bond from Major James A. Ward, Chairman of the Awards Committee, Society of Army Military Engineers (SAME), on the 1st of November. The presentation was made during the American Education Week Luncheon at MacKenzie Hall.

This award is presented each year to the person who distinguishes himself for outstanding study through off duty study in engineer related subjects. The post Education Center selects the outstanding individual and makes its recommendations to the SAME Awards Committee.

Andy, who has been pursuing his studies in Printing Technology at Montgomery Junior College, maintained a 4.0 grade average in 28 semester hours of work. The instruction is given at Bagley Hall during duty hours and is equivalent to the instruction given on campus, since professors from the college come to the DMS to present their instruction.

Andy has been in the off duty study program for the past two years and has completed 28 semester hours of work. Andy says, "I expect to complete the remaining courses, 32 semester hours, in the next 2-1/2 years." He also stated, "I intend to maintain my grade point average."

Andy, congratulations. With the confidence and performance you display, TSD is in good shape for the future.

LIFELINE: Donating blood today could easily result in providing life saving blood for a close friend or relative at a critical time tomorrow.



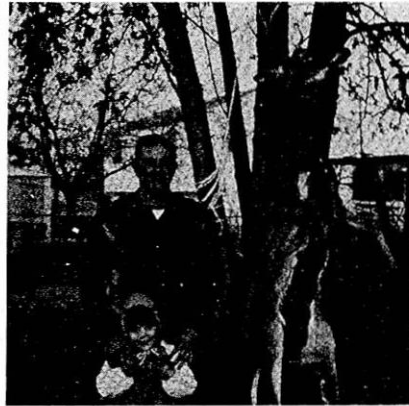
# DMS Teaches Land Nav To ROTC

by Jim Fox

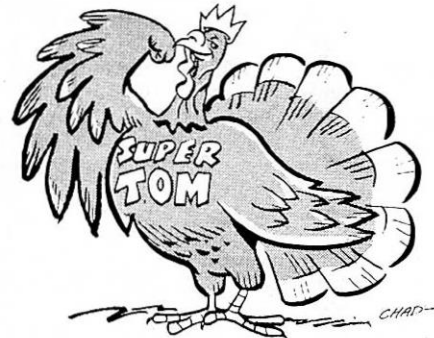
On the afternoon of 2 November about 35 cadets from metropolitan D.C. went through a grueling experience. They left the leisurely life of their campuses at the University of Maryland, Georgetown University, George Washington University, George Mason University, American University, Northern Virginia Community College, and Montgomery Community College to navigate through 1-1/4 miles of woodland to have C-rations for chow. For many of the "third lieutenants" it was their first time using a compass, let alone going through a land navigation course. Although every ROTC cadet receives 8 hours of map reading instruction during their freshman year, the junior class wisely requested a 2 hour review on the morning prior to going into the woods. As a result, 5 of their 6 teams were able to find the finish line, whereas only 6 of 10 freshman teams found the finish line by their own accord.

1Lt Fox, SSG Stitt and SSG Yell provided the instruction and monitored the land navigation course for DMS that Saturday. The class was particularly significant due to the presence of 5 female cadets in the freshman class. Have you ever seen a female in fatigues with field gear, M-14 and burnt cork on her cheeks? Needless to say it was quite a sight but many such sights are predicted in the near future with the recent acceptance of females into ROTC and officer basic courses.

The students were doing a great job on the land navigation course until the third and last leg. At this point some of the students had the misfortune of inadvertently walking into the middle of a sophomore class versus senior class aggressor operation involving firing from M-14's assimilators. Consequently, the students, who were concentrating intensely on their compasses and maps, became disoriented as they virtually ran for their lives. After forgetting their azimuth, pace count and immediate location some students were unable to find the finish line. But the other students successfully applied the resection principle and found their way to the finish line, chow line and C-rations. The consensus of the cadre and students was that the exercise was very informative



Andy Bradley, Optical Survey Instrument Repair Branch, and his daughter Tracey are shown with a 7 pointer which was bagged by a member of Andy's hunting party. The deer was taken on the first day of the season at Fort A.P. Hill. The deer field dressed at 106 pounds and was the largest specimen checked in at A.P. Hill as of 1030 hours on the 18th of November.



## TALKING TURKEY

by Tommy Turkey and Judy Ethridge

Well, no matter what I do, it keeps rolling around every year - that season called Thanksgiving. For two years now, I have avoided being a Thanksgiving fatality by playing sick at just the right time. But, Old George, the friendly farmer, is finally catching up with me. His eyes have been looking in my direction for weeks now. What am I going to do? I don't want to be on somebody's table on November 28th!! I'm too young to die...

All my life (all two years of it) I have been a good turkey, a real good turkey. I eat the right amount of food, don't hog the water trough, and respect the elder 'toms' in the turkey house.

Wait, this Thanksgiving dinner thing may not be too bad. Being mixed up with all the dressing, gravy, cranberry sauce, candied yams, peas, and good old pumpkin pie probably isn't all that bad. Come to think of it, I am a bit hungry, ...might not be too bad.... through the mouth, over the gum, look out stomach, HERE I COME!!!

LIFELINE: The average adult has about 10 to 12 pints of blood. After donating one pint your body replaces the volume in less than 36 hours.

☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆



Every once in awhile, you'll find it's little things that make such a big difference in life. On November 10th, a long-awaited "little thing" joined the lives of Linda and Bob Jackson. It was the soft cries of healthy, bouncing Valerie Lynn Jackson heard in DeWitt Hospital at 5:04 a.m. that Sunday morning. The beautiful little girl weighed 6 pounds, 4 ounces and measured 20 inches long. Mother Linda and brown-haired, blue-eyed Valerie left the hospital on 13 November to return home.

Congratulations Bob and Linda. Wishing you both and your new baby girl the best of everything and all happiness, now and in the future.

☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆

## Baring Some Facts or The Real Mr. N.

Encountered singly, a Marine Corps D.I., a wounded Cape Buffalo, an African bull elephant with a toothache, a loaded and cocked pistol or a rumbling volcano - all have one thing in common - they spell TROUBLE. Now, you take all of the aforementioned, add a bull gator or two, and a pinch of nitro for good measure, mix them up good and proper, pummel and compress the resultant mess into a five-foot-seven inch high shape and you've got something that spells Robert C. Nonnemacher - a denizen of the dimly lit nether world of Wheeler Hall - where, much like the legendary but slightly shrunken Argus, he watches over the goodies stored in his supply room.

So friend, if you have the taste for this kind of TROUBLE, you can find it there any time of the day. Take your requisition and wander on down to the first floor of Wheeler Hall, turn at the door marked DMS Supply and enter - carefully. The first thing you will notice - no lights! He claims this is to conserve energy. But we know better, don't we? It serves only as one more ploy to intimidate you - Nonnemacher's Psywarfare it is called.

For an opener you may start with "good morning" or "good afternoon" or some other equally innocuous remark, and that's as far as you will get, regardless. For even though it may have seemed to be a perfectly good morning to you, within one minutes time he will have shown you how gravely you erred in your assumption.

"And just what is so good about it?" he will screech. "We're out of floor wax, there is a paper shortage - you guys are using up toilet paper like there is no tomorrow; three students walked out of your classroom with our pencils yesterday; prices of things are going up - up - up and what the heck did you need a whole box of paper clips for?...."

See?

Now you meekly extend your hand with the laboriously prepared requisition, properly signed and all. (Take it from me - do not try to be forceful - it will get you nowhere.) He glances at it, blinks his eyes once - that's it! In an incredibly short period of time he has digested it, mentally that is.

"Hey! Say now - that's what we always needed around here - a tank; haven't been near one in ages!" he

joyously exclaims. (He was a "track clanker" during WW II.)

You are dumbfounded and say so.

"Well, that's what you are asking for right here..." his finger stabs unerringly towards Item No. 12 on your requisition, a box of Pearl erasers, or so you thought.

"The stock number, man! The stock number says you want a tank...!" he cackles. Somewhere between the glance and the blink he has spotted the error - your requisition has twenty items listed on it!

"Are you sure that you don't want one..." he asks with a gleam in his eyes, after you assure him that it's all a big mistake and that all you want is a box of erasers. "...Well, why didn't you say so in the first place - or didn't they teach you to read? You just leave that requisition here until I have it filled - don't call me - I'll call you...!"

Finished!

He bounces off into the murky gloom of his supply room and disappears behind a maze of storage shelves.

And so, there you are, feeling like the centerfold of last month's Playboy, all bared and pinned to the wall. You know that you have just been devastated by an expert. After one such encounter, a young secretary of ours was overheard to whimper: "...Oh-mi-gosh, just think of his wife! How she must suffer - the poor dear..."

He has had a lot of practice, our Mr. N. Working in the supply room since 1966 has made him an institution at DMS. He likes to keep up the front of a riled porcupine, for it reduces the amount of pesky people who have nothing better to do than to stop by for a chit-chat to zero. He also keeps us on our toes, prevents us from making costly errors, and in general, makes us aware of the need to economize the taxpayer's dollars. It also makes the newly assigned and inexperienced shun his place like the plague, leprosy and IRS all rolled into one.

It's all a front. Speaking from personal experience, whenever there is a real need for something and it is needed in a great hurry, Mr. N. makes it appear seemingly out of thin air - anything - at a moments notice - from a condenser lens for a projector to floor wax - in a real pinch he has always delivered the goods. Any "Oldtimer" around here will testify to that. For beneath all that bark is a man who really cares.

Born in Pennsylvania, Mr. Nonnemacher saw WW II with an armored battalion in Europe. He is happily married (contrary to some rumors) and has two lovely daughters, one of whom is married. He likes to putter around his yard, watch TV and sip beer in his home in Alexandria.

To sum it up - Mr. N. is to DMS what the rock is to Prudential. Or is it Gibraltar?

EDITOR'S NOTE: It is a newspaper's sacred duty to make public all events and facts as they occur.

Being realists, we are cognizant of the fate which shall undoubtedly befall us. Prior to publishing the above expose we stocked up on pencils, typewriter ribbon and paper. Our staff scurried around investigating and opening up alternate emergency supply channels. Should this publication cease to appear without prior notice - well, we may have underestimated Mr. Nonnemacher's wrath.

LIFELINE: 5 December, a date to remember.



### L12 Gates Promoted

Nancy adds another "first" to her growing list. She is the first Navy person to be promoted at DMS; she was also the Navy's first rated woman Lithographer, and she was the first female and Navy instructor to be assigned to the DMS.

Everyone knows by now that Nancy will be leaving DMS soon for an assignment in Japan. She will be missed at the DMS, particularly by those people in Graphic Arts. Nancy, keep up the good work and everyone at DMS wishes you a happy voyage and smooth sailing.

## DMS Christmas Party

### Update

Mark it on your calendar. Dec 16th! That's DMS Christmas Party time, we, your committee, are working to put together. SGT Braswell of GAD says he is going to give us all the music we want. SGT Gaisford (Carto) will do the interior decorating. Mr. Ferguson of Logistics is going to supply us food and drink. Will Freeze is organizing the entertainment and Judy Ethridge is going to make sure we have a Christmas tree. They may ask you for help - all volunteers are welcome. We'll keep you informed -

Santa



### First Place

by Jim Heindl

The Defense Mapping School has fielded two teams in the USAES Officers Bowling League of the Nation's Capital Area Bowling Association. As of 12 November 1974, after eleven weeks of bowling, the T. E. Bees (Terrain Evaluation Branch) are tied for first place with a 30 wins - 14 losses record. The second team, DMS-1 was tied for fifth place with a 25 wins - 19 losses record. The T.E. Bees consist of Maj Broussard, MAJ McClatchey, CPT Bertoncini, CPT Heindl, CPT Hey and CPT Keller. DMS-1 consists of LTC Marcy, CPT Harkins, Mr. Aranza, Mr. Conner, Mr. Lundmark and Mr. McCullough. The League is composed of 14 teams, thus our representatives are doing an admirable job. Keep up the good work!

## DMS Bowling - Mixed League by Ed Marcy

The DMS Mixed League, now in its second season, is alive and well. Expanded to 8 teams (from last year's 6) we're enjoying a tight race which doesn't count out any of the contenders excepting, possibly, Jim Hey's Lucky Four. From their early mid-league standing they have steadily and unerringly secured last place and are quite philosophical about the whole thing. Ellen Good says - "Well, not everyone can be in last place"; Big Jim scowls, "Who the \*?! cares anyway - want another beer?"; Len Good seriously chastises his ball, "Why did you curve that time and not the time before that"; while Jerri Hey madly applauds every opponent who gets a split or blows a spare. Yes, the Lucky Four is the closest the DMS will ever have to its very own Laugh-In and we love them for it.

### STANDINGS AND HIGHLIGHTS AS OF 25 NOV ARE:

| TEAM STANDINGS                                 | TEAM AVG |      |     |
|------------------------------------------------|----------|------|-----|
|                                                | WON      | LOST |     |
| 1. Watergaters (McClatcheys-Marcys)            | 28       | 16   | 579 |
| 2. MCs (Cruzs - McMillans)                     | 27       | 17   | 557 |
| 3. 7's On Tap (Eatons - Yeltons)               | 27       | 17   | 532 |
| 4. GAD-A-Bouts (Jacobs, McCullough, Sundquist) | 25       | 19   | 568 |
| 5. R.V. Rats (Heindls-Kellers)                 | 24       | 20   | 523 |
| 6. Dingbats (Connors-Bertoncini)               | 17       | 27   | 486 |
| 7. Big Deal (Galliens, Rudy, Bevans)           | 15       | 29   | 515 |
| 8. Lucky Four (Heys-Goods)                     | 13       | 31   | 459 |

|                       | MEN        |     | WOMEN             |     |
|-----------------------|------------|-----|-------------------|-----|
| High Series (Scratch) | Gene Rudy  | 617 | Shirley Sundquist | 469 |
| 2d High               | Gene Rudy  | 577 | Janet McClatchey  | 469 |
| High Series (H/C)     | Gene Rudy  | 686 | Kazuko Keller     | 559 |
| 2d High               | Bertoncini | 634 | Janet McClatchey  | 556 |
| High Game (Scratch)   | G. Rudy    | 232 | Janet McClatchey  | 203 |
| 2d High               | G. Rudy    | 225 | Kathy Eaton       | 188 |
| High Game (H/C)       | G. Rudy    | 255 | Janet McClatchey  | 221 |
| 2d High               | M. Yelton  | 247 | Annita Yelton     | 219 |

Of several regular substitutes, Barbara Batts leads with a big 191 average on the single night she helped out the Watergaters. Mel Yell also substituted that night with a 177 average which gave the Watergaters an overwhelming win while the McClatcheys enjoyed a weeks vacation at Disney World. (Jay's performances since his return indicate he's still in Mickey Mouse Land.) Barbara and Mel may never be asked to return as the odds of repeating such sterling performances are not the best. Gene Rudy is red hot! Affectionately known as "Teddy Bear" throughout the league, his last 12 games have resulted in a 189 average. He attributes his great surge to the harassment he gets from (and returns to) Cruz and Marcy; a stuffed bear charm which he displays on the scorer's table (which is better looking than he is), and the 124, 115 and 103 averages of his teammates. Says Gene, "They're great people to have fun with....but somebody's got to bowl."

Approximately one-third through its schedule, the league lead has been dominated primarily by Jay McClatchey's Watergaters. At times, Will McCullough's GAD-A-Bouts, Wes McMillan's MC's, and Kathy Eaton's 7's on Tap have enjoyed the coveted league. Orly Keller's River Village Rats are never far out, while John Connor's Dingbats are surging upwards after a disappointing 0-16 start because John couldn't find a regular couple (with a name like Dingbats, little wonder)! Ralph and Kathy Bertoncini (Topo types in the USAES) joined in the 5th week. Since then, the Dingbats are driving their opponents dingy and batty. In the race for most improved bowler, "Teddy Bear" leads the men with a 9 pin improvement with Ralph Bertoncini second with 4 pins. Annita Yelton leads the gals with 5 pins, as Kazuko Keller, Janet McClatchey, Shirley Jacobs, and Alma McMillan all tie with 3 pins improvement. Alma says she's going to win it once her baby son starts sleeping through. Agreed Alma, it's tough to bowl with the eyelids closed from lack of sleep. Wes mumbles, "What's all this business of losing sleep? I don't lose any sleep!!" And so it goes on Tuesday nights at Belvoir Lanes. C'mon out and join the fun. Keep score, tell jokes, drink beer.....bowling appears incidental to simply having a good time.



# SOC Helps Servicemembers Obtain Degrees

Nearly 250 two-year and four-year colleges have joined the Department of Defense Servicemembers' Opportunity Colleges (SOC) program and agreed to aid in overcoming the barriers which in the past have prevented members of the Armed Forces from completing degree requirements. Defense officials estimate that a high school graduate on active duty should be able to earn a junior college degree in four years of after-duty hours study and complete the requirements for a bachelor's degree in a like period of time.

The SOC Program was designed in mid-1973 to aid Servicemembers and women to obtain high school and college degrees despite the inherent mobility of military life. This cooperative development between the civilian education community and the Department of Defense went into effect with a long-term goal of increasing the educational opportunities for members of the All-Volunteer Force.

One basis of the SOC program is that a participating college agrees to grant a degree with minimal resident study when military obligations preclude fulfilling the normal residency requirements. The program also offers credit for education experiences and training obtained in the Armed Forces, including correspondence courses which were offered by the United States Armed Forces Institute (USAFI).

Schools participating in the SOC program

- have liberal entrance requirements,
- offer courses in evenings, on weekends, and at other non-traditional time frames for members of the Armed Forces,
- provide opportunities for members of the Armed Forces to complete courses through special or optional means.
- provide special academic assistance, such as tutoring and the



designation of a trained counselor knowledgeable in Service training,

- have liberal transfer of credits policy,
- honor commitments to Servicemembers previously enrolled even though the individual school may discontinue its status in the program, and
- have residency requirements that are adaptable to the mobility and special needs of Servicemembers (Where possible, the college will waive or eliminate

residency requirements for Servicemembers; where such requirements are restricted by State law, the college will make every effort to receive an exemption.)

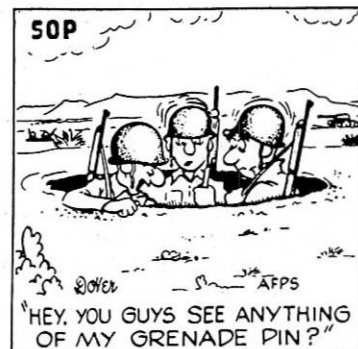
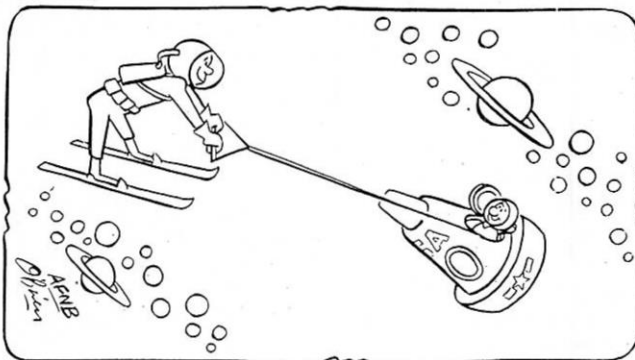
In addition, many of the SOC institutions offer a "contract for degree" option to members of the Armed Forces. This portion of the SOC program is one in which the college of the individual's initial enrollment will designate an advisor who will assist the Servicemember in contracting for a degree at the institution. The contract will specify the course of study to be pursued, and the advisor will continue to guide the student's college program even though the student is forced to transfer to another SOC institution because of duty requirements.

As long as the student is being effectively guided by his advisor, he will be permitted to transfer appropriate credits earned at other institutions back to the original institution. The original institution will serve as a repository for all the student's academic records and will award the appropriate certificate or degree upon fulfillment of the contract.

For additional information on the SOC program, contact your installation education counselor or write to the following address for detailed information and a complete listing of colleges participating in the program:

SOC/AASCU

One DuPont Circle, Suite 700  
Washington, D.C. 20036





## Enlisted Evaluation Center Visits DMS

by Dick Christ

On 20 Nov, Mrs. Janice Reed and Mr. Fred Hahn, two psychologists assigned to the Enlisted Evaluation Center at Ft. Benjamin Harrison, were diverted from a visit to the MOS Test Branch of the US Army Engineer School to DMS. The visitors were briefed on the structure and mission of DMS by Don Light and then met and discussed MOS testing problems with DMS test project officers. As Army Enlisted Personnel are aware, the "old pro-pay test" has undergone, and continuing to undergo, a major face lift. The award of proficiency pay is rapidly phasing out. The Enlisted Evaluation Test, combined with the Enlisted Evaluation Report, is being used to make such determinations as who will be promoted, retained and reenlisted, and whether MOS will be changed. Simultaneously with these decisions and changes, the Enlisted Personnel Management System is altering the career field structure of the Army. When the final factor that the decision to employ performance testing has gone beyond the "talking stage", the need for a close tie between EEC and the DMS test writers becomes quickly apparent. After a lively interchange of ideas and the clarification of some misconceptions, the visitors toured DMS classrooms and facilities. In addition to identifying the "face at the other end of the telephone line", a better understanding of problems and issues was reached by all.

## DMS Seeks Accreditation

by Dick Christ

The first step in gaining institutional accreditation from the Southern Association of Colleges and Schools has been achieved. As the result of an initiating letter to the Association, Dr. B. F. Childers, Executive Secretary of the Commission on Occupational Educational Institutions, visited DMS on 25 Nov. This visit constituted the preliminary step of a one year process which could be culminated in recognition of DMS as an accredited educational institution.

Dr. Childers was briefed on the vital operations of DMS, toured its facilities, and was guided thru a four volume set of documents which paralleled 12 standards established



Left to Right: MSgt Batts, SSG Cross, SFC Koons, SSgt Eaton, SFC Estes, SFC Booterbaugh, Mr. Searfoss, SSG Kressler, Sgt Snyder (SSG Lewis not available for photo)

## Masters Awards

The above people received their Master Instructor Certificates at an Awards Ceremony which took place in the Bagley Hall Auditorium at 0900 hrs, 21 Nov 74. The presentation was made by COL Kurtz, as BG Johnson, Assistant Commandant of the USAES, was not available at the time.

Before an individual can attain the honor of becoming a Master Instructor, he must complete all development requirements at the Instructor and Senior Instructor level. Also, he must prove to his supervisor that he is worthy of the award. Although Master Instructor is the highest instructor level recognized at the School, these people continue for self improvement and strive to stay abreast of the latest teaching techniques to remain a most effective instructor at peak efficiency. Congratulations, to each of you upon receiving this very deserving instructor status.

by the Southern Association for schools seeking affiliation. Between this visit and Dec 1975, DMS must perform several additional actions before accreditation is finally awarded.

The purpose and benefits of this action are manifold. Once achieved, DMS will be recognized by other educational institutions as having met the Association's standards. This, in turn, will facilitate graduates of DMS in receiving academic credit from other schools for

the training which they received at DMS. Additionally, it will provide the military services with a powerful recruiting incentive. Finally, it will provide a series of school operating standards which must be maintained to remain accredited.

This step, in addition to those taken with representatives of the Department of Labor, will insure that DMS graduates will be equipped to transfer their military experiences to counterpart activities in the civilian community.

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 Department of Defense.

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Editor: CW3 R. L. Lesinski

Assoc Ed: Carla Davis



# Energy Conservation

FOR IMMEDIATE RELEASE

OCTOBER 18, 1974

Office of the White House Press Secretary

THE WHITE HOUSE

STATEMENT BY THE PRESIDENT

During the past month, I have made clear that the United States must and will act to increase its energy independence. One effective way--which can have immediate payoff--is to reduce unnecessary energy demands.

Today, I have ordered that the Federal Government continue during the current fiscal year its energy savings program. I have directed that agencies hold energy consumption to levels 15 percent below the amount consumed in fiscal year 1973. In addition, I have instructed the Administrators of the Federal Energy Administration and General Services Administration to recommend to Secretary Horton, Chairman of the Energy Resources Council, a multi-year program to assure that energy efficiency is considered in all decisions involving Federal facilities and operations.

Last year, actions by Federal agencies saved the equivalent of 90 million barrels of oil. Both these accomplishments and these new goals can serve as examples for all sectors--for business and industry, state and local governments, and for all our citizens in their daily activities.

The new objective for Federal energy conservation is one step. We are now working with industry to find ways to reduce energy requirements for its activities and products. We will continue working with all sectors to find other steps that can be taken to conserve energy.

I again urge all Americans to join in this effort with serious voluntary actions to conserve energy. All of us contribute daily to the demand for energy. We can all act to reduce that demand.

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DEFENSE MAPPING AGENCY  
BUILDING 36, U.S. NAVAL OBSERVATORY  
WASHINGTON, D.C. 20381

3 DEC 1974

LO

SUBJECT: Fiscal Year 1975 Energy Conservation Program

TO: All DMA Personnel, *Especially those people in DMS* K

1. A recent statement by President Ford congratulates all concerned for their energy conservation achievements in Fiscal Year 1974 and announces an energy conservation goal for all Federal Agencies for Fiscal Year 1975. This Fiscal Year 1975 goal requires a reduction of energy consumption of 15 percent below energy consumed in Fiscal Year 1973.
2. I would like to add my congratulations to those who enabled the Defense Mapping Agency to exceed our Fiscal Year 1974 goal. Meeting the goal in Fiscal Year 1975 is going to require continued dedicated effort of every employee. The goal of 15 percent energy reduction is going to be a real challenge to all of us, especially in electrical energy; however, I am confident that we can achieve significant savings.
3. Although this Agency will only be judged upon the results that occur in our facilities, I would encourage you to include energy conservation in the operation of your homes as well. Unless we all join in efforts to conserve energy, both on the job and at home, this country could easily find itself forced to make mandatory cutbacks in energy usage.
4. Again, congratulations on your accomplishments in Fiscal Year 1974. I know that this Agency can, with all of us working together, meet the Fiscal Year 1975 goals.

*Hilding L. Jacobson, Jr.*  
HILDING L. JACOBSON, JR.  
Major General, USAF  
Chairman, DMA Energy Task Force



(Distinguished Graduate - continued from Page 1)

for administrative reasons. All three civilians are graduate students with degrees in geography and have worked as hydrographic chart compilers for more than a year.

The competition for academic excellence was keen among the students during the course and, at the end, Mr. Ronald Stephanz edged out T/Sgt Thompson by one grade point to take the honor of Distinguished Graduate. Well done to Hydro Center and congratulations to Mr. Stephanz.

LIFELINE: "Attaboys" are extended to DMS personnel Carl Markwell, Leon Thompson, Marvin Odle, Edwin Marcy, Dick Christ, Joe D'Alessio, Douglas Sexton, Ralph Ruetze, John Jacobs, Boyd Baxter, Gerald Anderson, David Albro, Dee Goulding, DMS Director Maurice Kurtz and DMS supporter Amelia Locke.

(Lifeline - continued from Page 1)

The DMS girls (our cordon of Gal Fridays) are leading the way on Thursday next. Their challenge stands for any other DMS group to come forth with as determined and fearless a group of First Time donors as the gals from Wheeler Hall!

Can we add your name to our growing list of regular donors? Give a gift of life itself on a year round basis. Decide this minute to join our hearty group of blood donors.

## Instructor Of The Month

SFC Marlin E. Yelton has been selected as DMS Instructor of the Month for November. Marlin entered the Army in December of 1961 and upon completion of basic training, he attended the Map Compilation Course here at Ft. Belvoir. His duty assignments have taken him to various topo units around the world, to include Japan, Hawaii, Vietnam and his present assignment at the Defense Mapping School. Marlin is



the course supervisor of the Photogrammetric Compilation Course 411-203. The Department of the Army (looking out for its top soldiers) selected SFC Yelton to attend the Noncommissioned Officers Advanced Course, in which he is presently enrolled.

Marlin and his wife, Anita, are active bowlers on the DMS Mixed Bowling League. Their team is presently in 3rd place. SFC Yelton is indeed an asset to the Cartography Division. Congratulations on being selected Instructor of the Month, it was well deserved!



## Finally

Richard Kottemann, one of the DMS's most outstanding instructors, was recently promoted to the grade of Master Sergeant at a ceremony in the DMS HQ. COL Kurtz, assisted by Richard's wife, Pat, did the honors of pinning on the stripes after the orders were read by CPT Harkins.

The entire Kottemann family, along with many friends at DMS, attended the ceremony to honor this well deserved promotion. After the handshaking and congratulations was finished, Richard, walking out, was heard to mumble "Finally".

## Woody In Carto

One of our newest instructors to DMS is SSG Henry Wooldridge (Woody), who came to us from Ford Island, Hawaii.

Woody entered the Army in July of 63 and upon completion of basic training, he attended the Map Compilation Course here at DMS. Besides being stationed in Hawaii, Woody's duty assignments have taken him to Japan, the 30th - Ft. Belvoir, Germany, Vietnam and back to Belvoir again.

Woody is an instructor in the 411-203 Photogrammetric Compilation Course. He recently graduated from the Instructor Training Course and is presently training on the APPS.

Woody is enrolled in evening NVCC courses to further his education. In his spare time (which he has little of) Woody sings and picks a guitar, which I understand he does very well.

Everyone here at DMS welcomes you Woody!



## Welcome Back

CW3 Frank Coburn reported into the DMS on the 19th of November from the Forces Command Intelligence Center at Fort Bragg, North Carolina, where he was assigned as a Photo Mapping Technician.

Frank is no stranger to the School. This is his fourth tour of duty with us in the past fifteen years. He has been around long enough, however, to serve three tours of duty in Germany with Army topographic units. In 1970, Frank attended Miami Dade Junior College where he obtained his Associate Degree in Civil Engineering.

An interesting sidelight to his present assignment is that he returned to the same division and branch he was assigned to previously, — the names have changed; however, he moved into the same office he had occupied before and, although there is no way to check it out, he may very well be occupying his old desk as well.

Frank, welcome back to the Mapping/Charting Branch, TSD; we're glad to have you back on board.



## SFC Gaisford Returns

SFC John Gaisford returned to the Defense Mapping School after a short tour in Korea where he was assigned to C Btry, 1st Bn, 44th Arty. John's return to DMS was a joyous occasion due to his promotion to SFC upon his arrival. SFC Gaisford's Army career began in Sep 65 when he was drafted into the Army. He took Basic Training at Ft. Polk, La. and his AIT at Ft. Bliss, Texas where he was trained as a HAWK Launcher Crewman. Upon completion of AIT, he was assigned to C Btry, 6th Bn, 517th Arty in Germany. John attended the 7th Army NCO Academy in June 1967 and was graduated as the distinguished graduate. He then was assigned as a security and training NCO for the rest of his tour in Germany. In April 1969, John entered the gates of Ft. Belvoir on TDY to attend the



Construction Drafting Course where he graduated as an Honor Student. Upon completion of the Drafting Course, he was assigned to Ft. Carson, Colo. with the Post Maintenance School as an Admin NCOIC. In August 1970, John returned to Ft. Belvoir for an assignment with D/Topo, USAES, as an instructor in the Construction Drafting Branch. John remained at the School until Sep 1973 when he was transferred to Korea. While assigned here on his last tour, John was awarded the JSCM and his Master Instructor Certificate. Welcome back John—the Defense Mapping School needs Master Instructors with your outstanding qualifications.

**LIFELINE:** Have you been deferred from giving blood in the past? Some rules have changed (especially regarding malaria)...check with ENS Goulding if you have questions.

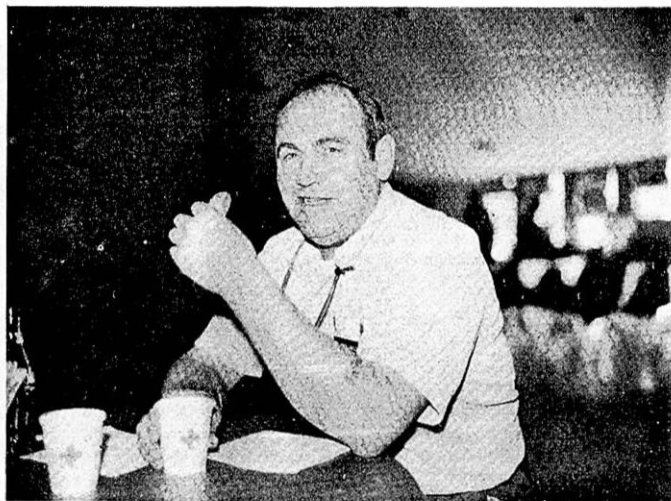
## Gene Is Back !

SSG Gene Willis returned to DMS after 12 weeks TDY to Ft. Benjamin Harrison, Indiana where he attended the Advanced Noncommissioned Officer Course for his career management field.

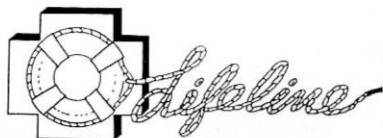
According to Gene, it was a very good course; he learned everything, and met many people who are assigned in the MDW area within the personnel and administrative field. "Watch out", we may have two Horse Traders here now.

Gene, we know you are happy to be back and anxious to go to work, and we are all glad to see you - Welcome Home.



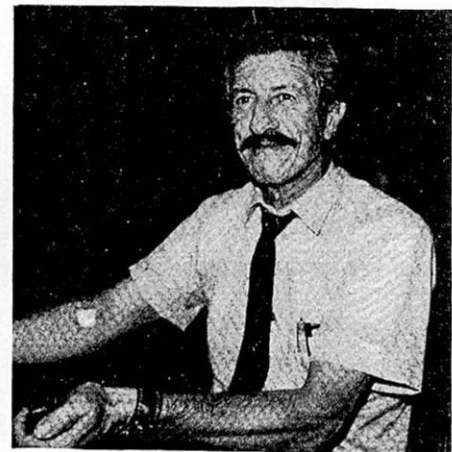
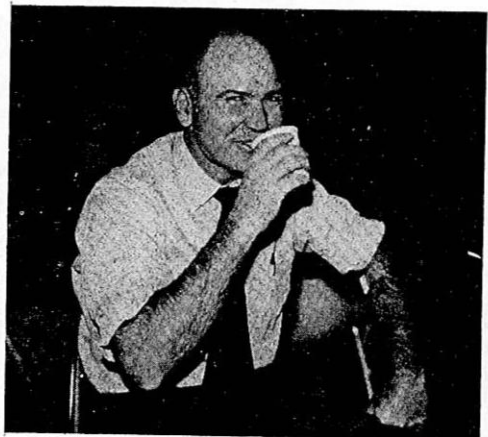


LTC Marcy, Mr. Jacobs and Mr. Christ maintained that all they wanted to do was to see what the new Recreation Center looked like. The coffee and doughnuts prompted them to stay and donate.



SFC Sexton, TSD, said it took him "ten years to give blood again." He claims the reason he gave this time is because of the "sweet person, who is the DMS Blood Drive Chairman."

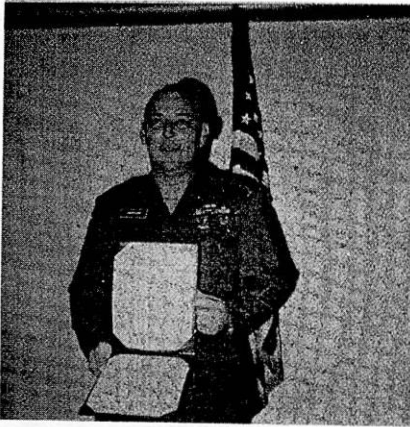
### DMS Shock Troops



T/Sgt Ruetze, TSD, filling up on doughnuts. He later was caught by Ensign Goulding as he tried to leave before giving his pint of blood.

Chief D'Alessio, TSD, expressed surprise after being thrown on the table by ARC Volunteers and being deprived of a pint of good Italian blood. "I was only looking for a Barber Shop," he stated.





### Awards

The Defense Mapping School held an Awards Ceremony at 1600 hours, 6 Dec 74, in honor of two people soon to depart. MSgt Terry Garrard and SP5 Ted Arase. MSgt Garrard, who is soon to be reassigned to Quantico Marine Base, received his third Joint Service Commendation Medal (2 OLC), two of which were earned at DMS for outstanding services. SP5 Arase, who will be returning to civilian life, received a Joint Service Commendation Medal for outstanding services performed in the Cartography Division of DMS.



### Photogrammetrists vs. Geodesists

by Lonnie Parker

Over the last few months personnel of TSD and Survey Divisions have been caught in a raging argument between Dr. "Sam - Photogrammetry Overall" Thompson and Dr. "Geodesy Forever" Sprinsky. Because of this discussion, an exhaustive study has been made to determine what the difference between a Geodesist and Photogrammetrist really is. In the interest of true

science and harmony at DMS, here are the results:

Most of the Surveyors "alias Geodesists," we interviewed, are former farmboys, and being farmboys they are extremely versed in the game of cow pasture baseball. One of the basic rules of cow pasture baseball is that the largest, juiciest meadow muffin is homeplate and 1st, 2d and 3d bases are small piles. These rules and selection of bases cause each player to carefully examine the playing field; leaves no doubt as to whether the base was touched and allows only the bravest of souls to slide. The meadow muffin syndrome carries throughout adult life and obviously leads to the conclusion that you must step in it to be sure that it is there.

The typical surveyor exhibits the result of childhood training by going around and planting rocks, often called monuments, and other strange objects in the ground and then frequently going back to step on them and make sure they are still there.

On the other hand, the typical Photogrammetrist is a city boy. Living in a large city that is beset with smog, crime, fancy gadgets and impersonal relationships, he develops a fear of the unexplained, a keen sense of smell, an unreasonable fear of darkness and a vivid imagination. Obviously, the pressures lead to an extreme need to prove oneself by being different from the masses, a need for a nite lite to sleep and blind faith acceptance of the word of other city boys that they can see things or locate them by smell.

This nite lite, blind faith syndrome is exhibited in adult life by strange markings on chalkboards that no one understands, fancy machines with weird colored glasses, mumblings about distortions and wild claims that if it is on a photo, it can be measured.

In conclusion, we can say that a Geodesist must step in it to be sure it is there, and the Photogrammetrist only has to see it on a photo and then assume it is still there. It is understood that Dr. Bill and Dr. Sam were invited to judge a beauty contest in Atlantic City. At last report, Dr. Sam was desperately searching for Photos and Dr. Bill was seen standing around Survey with a 6 inch tape measure and a leer.

The important thing to remember about the future is that it arrives one day at a time.



### Proof

The DMS fishermen 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.

The above photos were taken of our one trip catch late in Oct. and if you recall, back in Issue #5 of the Contour, the Bassmaster also provided proof of our ability.

Of course, there were times when we did not do so well, but they were few and far between. So for all you who were so amused by those silly articles, we do have our proof and apparently we have the last laugh and a full freezer for the winter months. Eat your hearts out, Dear Readers.



### FEMALE BOWLER WANTED

To bowl with Billie Harkins in DMS Mixed League, Tuesday nights, 2015 hrs. Join the first (or second) place team!! P.S. Because of Post rules you must hold current ID card (Active or dependent).

## The Old Pro



The door to his office needs oiling; cobwebs adorn his file cabinets and dust encrusts the shabby green shade he was wearing to fend off the glare of a single, bare lightbulb unceremoniously hanging over his desk. Concentrating on his study, the Old Pro was yet unaware of my presence....maybe he's deaf I thought as I politely cleared my throat to gain his attention.

Looking up, the Old Pro displayed genuine surprise. "What do you know", he said, "Somebody needs advice. What can I do for you son?"

"Oh, I just dropped in, Pop", I parried, not yet sure enough of myself to let him know that my real mission was an analysis of office space utilization to accommodate a planned staff reorganization. "Jeez, when's the last time you had a visitor?"

"Maybe a month ago....maybe two. Who keeps count", he replied gingerly, still eager to discern my problem that he was assuming I had brought to him for counsel.

"Aw c'mon now, old timer", I said, "We can't get along with only those infrequent queries from you. Heck, it was only a couple of months ago that the Contour offered your experience to anyone who might have questions or problems."

"Yeah — you're right young fellow", he lamented. "But it seems as if everybodys problems are solved; seems like nobody has any questions or, if they do, maybe they're too busy to ask them. Leastwise, nobody's asking me."

After refreshing himself with a swallow of sarsaparilla his voice took on a humorous, vaguely confidential tone. "Maybe they think I'm over the hill, eh? I don't put much store in fancy office trimmings, and they never did get me the librarian I was promised. Well, my bones may creak now and then but the ole thinker is as sharp as ever let me tell you. I can't figure it out --- time was nobody made a move without checking with me."

"Well, maybe it's just as well Pop", I conjectured; "After all, you are kind of antiquat....."

"Says you!" he snapped. His voice taking on a new fibre of crispness. "Sure, I broke my eyeteeth on a planetable and alidade - Hell, when I started, all we had in repro was a solar, dry print kit.

On a cloudy day you just forgot about repro....And multiplex was the figment of R&D imagination in those days", he angrily retorted.

Knowing I had his dander up, I baited him further. "That's exactly my point. It was all well and good 30 years ago but....."

"And that's another thing you youngsters need to learn" he broke in, his eyes kindling a spark the likes of which I hadn't seen since my drill sergeant chewed me in basic. "You interrupt --- your manners are showing."

I don't mind telling you, my game of baiting the Old Pro had suddenly got out of control. To my surprise, I found myself squirming uncomfortably in my chair wondering if the old geezer really did have something on the ball.

Relentlessly he pressed on. "So you want to talk geodetic satellites? How 'bout interferometer impact on radar impulses for SLAR? You think Sam Thompson is the only guy who can handle higher mathematics? What do you really know about the random dot technique? So you're uptight over the civilianization program.....if you knew the why of it maybe you'd better understand! By the way, kid, what is HYSURCH? You got any idea of the camera systems mounted in Apollo 12? SKYLAB? What's DMA's definition of MC&G.....not Marcy's, not yours! Why do we teach construction drafting and blueprint reading in the DMS? Why are you here young fellow? You're lacking answers and I'm busy making sure I'll have answers.....just in case. That's what I get paid for and it takes a heap of study, research, and computer time. You're wasting my time."

As I embarrassingly made my way for the door he said "wait a minute, you can also use some of this." As I turned to discover what he was offering, I swiftly reacted to catch the flying missile he had tossed.....a can of Brasso. "Your belt buckle looks like the Ice Follies skating rink --- after the show."

Two days later, on briefing my boss on the reallocation of office space, I recommended the Old Pro's space be retained. On leaving his office he said, "By the way, you're looking sharp lately. What is it you use on your brass?"

"Something the Old Pro suggested, sir" I replied. "He's got it all together.....too bad a lot of folks don't talk to him more."

☆☆☆☆☆☆



## True Christmas Spirit

John Gaisford, Chairman of the DMS Christmas Decorating Committee, along with the assistance of Bill Snyder and Judy Ethridge, decided they would inventory the decorations early to insure DMS had sufficient quality and quantity for this Xmas season. During the afternoon of 4 Dec, while inventorying, they got carried away with the spirit of Christmas and set up this outstanding display in the hallway of Bagley Hall. Even though it may be a little early, it has brought some Christmas spirit to all at DMS. Quite often, you can see a set of appreciative eyes look down the hallway toward the display.



## DMS Basketball - League Leaders

DMS's "Middle Aged Midgets" (MAMS) scored a resounding victory in their league opener, and debut, against the tardy, slow to arrive, A Co, 1st Bn cagers. Coach Marcy was high point man, scoring one point. This remarkable feat suggests a fantastic defensive effort on the part of both teams.....NOT SO!! On the contrary, the battle was about as offensive as can be imagined, the margin of victory established not by quick hands nor deadly shooting.....(unless shooting off the mouth qualifies) but use of vocal cords. Staunchly supported by his teammates, Marcy inundated opposing players, league officials, and referees with an amazingly accurate, boisterous, and continuous barrage of oratory relating to league rules concerning starting times of scheduled games. The A Co players, 25 minutes late in delivering their lineup to the official scorer, fought valiantly but were no match for our able, studied, and verbally adroit star. Quoting chapter and verse from several Fort Belvoir documents as if he had authored them himself (did he?), Marcy established his basic, irrefutable arguments. When the opponents fully realized the hopelessness of logic in the face of such incontestable fact, they resorted first to a plea of ignorance and sympathy. We leave it to your imagination as to how far that tact took them, at which time the debate took on the tone of a barracks brawl. Disdaining his commitment to his sworn "officer and gentleman" role, Marcy continued to fare well. Jim Hey and John Meir led the team in "assists" during this particular phase. "It was a team effort" says Marcy; the back of his neck still slightly blue from the "color" of one of Hey's most descriptive efforts.

The smoke cleared with league officials awarding the DMS a clear cut, indisputable, 1-0 victory thus placing our MAMS in a tie for league lead. The following practice game saw the MAMS clean their bench, and sharpen up their plays, while "giving away" a 23-34 win to A Co. "One can't put any store in these practice games", says Coach Marcy. "By cleaning the bench, we get to know each other and determine our strengths and weaknesses." This reporter thought the real reason was the noticeable shortness of breath and sounds of creaking joints displayed by the game but

mostly ancient MAMS. "Are you kidding?" Marcy responded, "I admit, they're not all Jack Armstrongs or Sam Thompsons, but don't sell them short!! They have heart!!", he exclaimed as Billie Harkins staggered to the sidelines, holding his heart, gasping, "take me out, take me out." Marcy continued, "Generally, we possess tremendous potential. "When Wes McMillan recovers from knee surgery; my finger heals; 2 or 3 others discover the fountain of youth; Thompson and Walzberg quit fighting (each other) for rebounds; Arase continues making great feeds (but to his team - not theirs); Jensen learns to tell time, Hey stops drinking beer; and Harkins finds some elevated KEDS;..... just wait and see.....we'll be a real threat." Seriously he continues, "I've looked at those big, fast, young teams.....bah!! They lack experience, maturity, cunning! Why, spot us 20 or 30 points and we'd take any one of them." With that he returned to his well fingered, dog-eared copy of playing rules, undoubtedly researching new technicalities on which to disqualify future, unsuspecting opponents. Fans are invited out to see the MAMS "in action". Free liniment and throat spray are available every Monday and Wednesday night at Specker Field House. The first half league schedule of remaining games are:

16 Dec C Co, USMA Prep Sch 1945 hrs  
6 Jan B Co, USMA Prep Sch 2100 hrs  
8 Jan A Co, USMA Prep Sch 2100 hrs

9 big games in second half to be announced. Any young players (including students....a new loophole Marcy has found)?????



Select  
Christmas  
Trees  
by Grade



## DMS Hunters

I thought with the end of fishing season, the wild stories would end. But not so, as of 18 Nov, hunting season began.

Some of our more conservative hunters took a few days leave to rid themselves of the fever. Ed Herrmann told the students one of our more notable hunters brown bagged one day and went out during the lunch hour and shot two nice deer; now the RERC Instructors tell me they cannot get through to three fevered Navy students.

I don't have any idea the amount of money put out for the careful preparations and hunting trips made by the hunters but I did hear that Andy got his photo at a reduced rate because he allowed his daughter in the picture; also Billie only traveled about 300 miles and I believe he paid less than one dollar a pound for his 6 pound turkey (or was it a crow). I don't know, I didn't get the whole story. One Great Hunter of the fairer sex took the above photo of what she claims to be of 3 deer. I cannot find them myself and I wonder why, if there is, she did not shoot them instead of photographing them. Another DMS hunter has made at least six trips to the mountains in western Virginia. I can't believe his stories are true. In fact, once he forgot to take his rifle - besides deer season has been over for some time over there.

Mr. Markwell of GAD says he has shot two deer this year. This story I believe as he always has plenty of venison in the freezer. All in all, the hunters are turning out just like the fishermen - long, exciting tales, a few photographs and no meat.

A bore is a man who, when you ask him how he is, tells you.

B. Taylor





DEFENSE MAPPING AGENCY  
BUILDING 56, U.S. NAVAL OBSERVATORY  
WASHINGTON, D.C. 20305

16 December 1974

SUBJECT: Christmas Letter from the Director

TO: All Defense Mapping Agency People

At this time of year, people of many faiths are reminded once again of their spiritual heritages and are moved to acknowledge their allegiance to a Higher Power. In doing this they also acknowledge the Brotherhood of Man and become aware, again, of how dependent we are on each other.

The faith expressed by the great religions of the world is also reflected in the faith that we daily must show in relations with each other. For, whoever we are, every day we must place our trust in many others - at home, at work, in our communities. It is well that we have this Season to recognize that we are not self-sufficient but in continual need of mutual support and understanding.

During the short time that I have been your Director, I have been impressed with the caliber of people in our Agency. I believe that what you are able to do comes from the strong feeling of fellowship and teamwork that I have seen in my visits with you. I hope that this feeling will strengthen and grow as we continue to work together.

Mrs. Cramer and I extend our warmest Season's Greetings to you and your families and our best wishes for the coming year.

A handwritten signature in cursive script, appearing to read "S. D. Cramer, Jr.", written in dark ink.

S. D. CRAMER, JR.  
Vice Admiral, USN  
Director



A MERRY CHRISTMAS



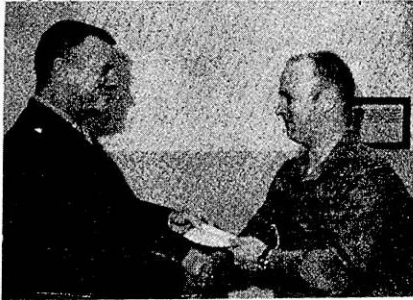
FROM DMS





## DMA Suggestion Program

The DMA Suggestion Awards Program is for real. If you think not, just ask around DMS. Three people assigned to DMS recently received almost a thousand dollars for their suggestions.



SSG Myers received \$940.00 for his suggestion of temperature control of the photograph developing sinks.



Mr. Ditchkus received \$25.00 for his suggestion of time and money savings concerning the DMS daily reading files.



SGM Piel also received \$25.00 for his paper saver suggestion.

It may be a little late to receive a Christmas bonus for your suggestions, but its never too late to submit a suggestion that may save DMS and the US taxpayer a lot of money. Like the paper says, "Jot It Down, it may be worth money."

If you are not familiar with the DMA Suggestion Program, have a talk with your supervisor, or go see MAJ Broussard, the DMS Suggestion Coordinator, in the Office of Bud & Mgt.



## Thru The Transit

**SEASONS GREETINGS!** During our Christmas party, several people who had let their hair down were heard to admit that 1974 had been a pretty good year at DMS and we seem to have come a long way. But the question is, what next? This is a very good question, particularly when we are making up our resolutions for the New Year. What do you think we should do next to help bring our School up to the level of recognition that we all seek?

This is the time of the year when we send all of our students home for two weeks and have a chance to catch up. We all need to spend more time with our families and friends, and just take a breather. We hope that Santa is good to all and that the New Year will bring increased opportunities for personal reward and advancement.

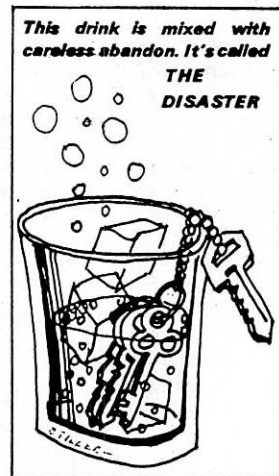
**COMPUTING ALONG THE WAY.** Recently, there has been quite a bit said in the newspapers and TV about the use of calculators in our grade schools. Certainly, the use of calculators is becoming a way of life in our society and, of course, proper use means that the user must know enough about basic arithmetic to be able to tell if the calculator is giving him the right answer. Contrary to the fears of many, I personally believe it's a tremendous aid in learning math rather than an obstacle. Those of you who might have come by a calculator at Christmas have really acquired a valuable time saver.

As most of us know, we are now using calculators in our classrooms instead of log tables and slide rules. Our students feel more com-

fortable with them, and they are able to learn much more in the time available; in fact, many of them are now asking when we are going to have programmable calculators. This will enable them to save even more time once they have set up their problems.

There is not much difference in learning between a programmable calculator exercise and that attained from computer assisted instruction. Both are excellent self-paced teaching techniques. In the near future, we plan to bring our instructor staff up to speed in this regard by using a series of self-pacing or tutor programs on our time-sharing computer system.

I have personally been through a series of such programs at the DoD Computer Institute and have discovered that there is more student interaction than would normally result from use of a programmed instruction text. The student communicates through a teletypewriter and receives replies specifically tailored to his response. A greater number of possibilities exists than we have in PI texts. In addition, the student is intrigued by the use of space age technology, and takes great interest in attempting to master the computer. This is somewhat of a personal challenge. Try it — you'll like it!



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 Department of Defense.

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Editor: CW3 R. L. Lesinski

Assoc Ed: Carla Davis

(DMS Christmas Party - continued from Page 1)

mingled with the sounds of men and women socializing. This was the DMS Christmas party.

SFC Bill Dean, in a purple zoot suit, splendidly MC'd the entire program. When the food line had subsided and the punch bowls been drained, the entertainment began. A presentation of an original mechanical plaque, symbolizing his "be like a duck; on the surface unruffled but underneath paddling like hell" saying was presented to LtCol MacKenzie.

Entertainment by each division was presented next. Sing-Along-With-McCullough was first on the agenda. Under his direction and assistance from McCullough's Choraleers, Graphic Arts, the entire audience was rocking and singing and tapping hands and feet to the Christmas carols.

Graphic Arts presented a beautiful satire on the Army medical profession. Chuck Lundmark as Dr. No-Nothing and Bob Urban as his bosomy nurse's aide operated on an unlikely victim, Jim Cain, and removed everything from his tie to inflated gallstones.

TSD presented a comical spoof on the change of command of Deputy Director from Marcy to Perry and from Perry to MacKenzie. Major "Doc" Sam Thompson acted out the scenes. CW3 Lonnie Parker finished off their skit by portraying a typical day in the life of our one and only Colonel Kurtz.

Survey Division demonstrated professional talent as Dale Cuave, singer, and Bob Jackson, guitarist, revealed a few of their own songs. DMS heard some beautiful songs written and produced by two of its own people. Will Freeze finished off by reading a poem written by him depicting life at DMS "the night before Christmas".

Bob Imagire, Carto, gave a more serious presentation with his own slide show. Taking the words and music of Seals and Crofts "Funny Little Man," he compared the life of this man with our own.

Hoots and hollers spread throughout the auditorium when Santa "Jake" Claus appeared on stage with his assistant Marge "Sugar" Kelley to hand out a few "gifts" to a couple of good purple people at DMS.

Don Light received a coloring set to "make pretty things for his briefings." Dick Christ received a picture board "to help with his teaching." LtCol MacKenzie was given a complete riding habit, including a whip and hardhat, "so

people would know who he was and what he stood for." Colonel Kurtz marched upstage when his name was called in a beautiful black suit to receive a .....whatchamacallit..... "which will bring him his most treasured wishes; an improved staff incorporated with the latest technical details."

By 4:30, the place had quieted, the "tangy" punch was gone and the party was drawing to an end. A few people remained along with tables full of uneaten food.

It was a chance for DMS to come together once more before everybody went their separate ways during the holiday. The party provided happiness and enjoyment and a chance to express Merry Christmas to all.



## NIGHT BEFORE CHRISTMAS

by Will Freeze

'Twas the night before Xmas  
And all through the school,  
The faculty plotted  
The Damn football pool.

Their LP's were flung  
All around without care  
In hopes that tomorrow  
They wouldn't be there.

The students have gone home;  
They left with a smile -  
No more exams and PE's -  
At least for awhile.

The Colonel, God bless him,  
And we in our shops,  
Could now settle down  
With a bottle of schnapps.

They all wished the party  
Would start in a hurry  
So all of them soon  
Could forget all their worries.

Then what to our panic struck  
Eyes should appear -  
But Marcy's jock raiders  
In full sporting gear!

More rapid than eagles -  
His troopers they came;  
And he whistled and shouted  
And called them by name.

On Thompson, on Gano,  
On Rudy, On Hey.  
We've got to win once  
Before you all die.

Then up to the rooftops  
His sportsters did soar -  
For they'd rather do that  
Than come in through the door.

Boomer Locke stringing pictures,  
Evilly laughed ho-ho-ho.  
Pictured himself with the Dollies  
Under the ole mistletoe.

Doc Sam and Doc Sprinsky  
Both scratching their heads,  
Compared analytical photogrammetry  
To surveying methods.

Would Crews make the party -  
They all wondered...maybe.  
He hobbled through the door  
Shouting "What's happenin' baby."

SGM Harris came up,  
And before he departed  
Yelled, "Get the hell down here  
And let's get this thing started.

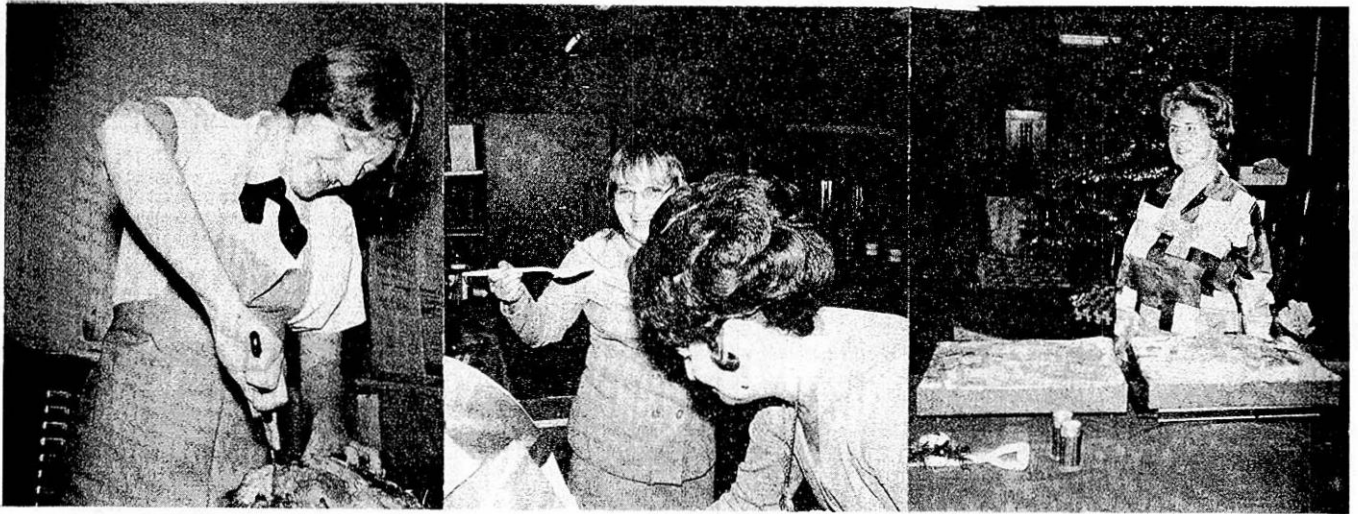
From inside his office  
Kurtz heard such a clatter;  
He stormed from his desk  
To see what's the matter.

Inside the auditorium  
Stood his faculty and his staff-  
And all he could do  
Was to join in and laugh.

Don Light was on a table  
Dancing the taps.  
While Bernie played Jingle Bells  
On his musical APPS.

As the party wore on  
I somehow got the hunch  
That someone had sorta  
Spiked up the punch.

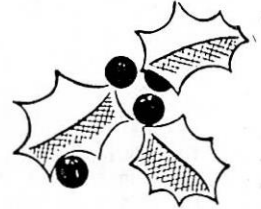
The party finally ended  
And out went the light.  
Merry Christmas to all  
And to all a goodnight.



Our girls prepared a spread.....



## We Had A Party...



which looked good to General Johnson.....

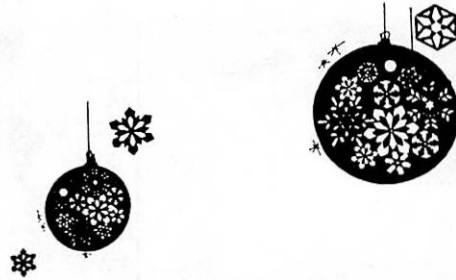


and tasted even better.





We carolled - the GAD combo provided the music and we provided the noise.

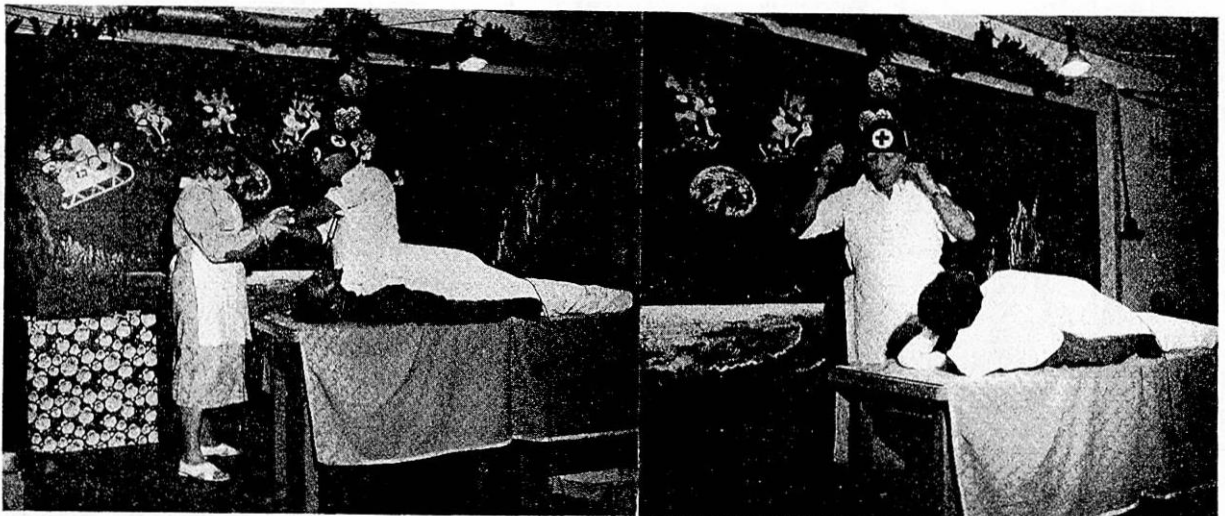


**...At DMS...**



What between frequent trips to the punch bowl, .....

Skits.....



The "Mod M-Medics" carving up citizen Cain - Everyone seemed to have a good time.



Brigadier General Johnson, Assistant Commandant USAES, and his wife dropped by to see how the "purple bunch" was doing.

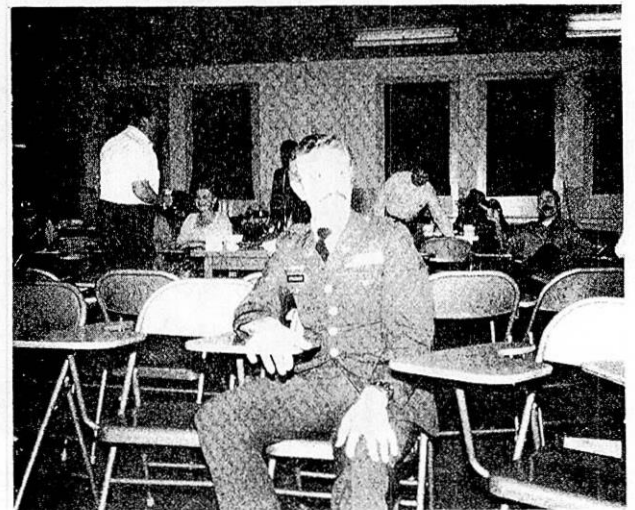


Santa showed up without his reindeer, they went on strike when they heard that "Bwana" Tom Harris may be around. He is desperate for venison.



Santa brought the Director a new "staff" and a rubber duck for the Deputy.

☆ ☆ ...And Had Fun Too! ☆ ☆



Some of the "oldtimers" enjoying the action. It all ended well.—Where did everyone go?

## DMS Basketball

Fresh from their initial forfeit win, our Middle Aged Midgets (MAMS) have since fared slightly better than the pre-season oddsmakers had predicted. Plagued with a lack of height, generally a shallow bench and inaccurate shooting attributable largely to injured hands, the MAMS go into the Christmas break with two wins, five losses, and 11 games left in the season. Sam Thompson leads the MAMS scoring efforts and, inch for inch, is one of the best rebounders in the league. Jim Hey, constantly playing against the opponents "monster man", leads the team in assists.

### SEASON RECORD

| DMS | OPPONENTS       |                 |
|-----|-----------------|-----------------|
| 1   | Co A, 1st Bn    | 0 (forfeit win) |
| 45  | H/H Co, 1st Bn  | 57              |
| 25  | Co C, 1st Bn    | 20              |
| 26  | Co A, 11th Bn   | 33              |
| 19  | Co A, 30th Engr | 52              |
| 31  | 902d Flt Bridge | 60              |
| 24  | Co C, USAMAPS   | 35              |

| NAME       | Equiv Games Played | FG  | FTA/FT | %     | TP  | Avg Game | PF |
|------------|--------------------|-----|--------|-------|-----|----------|----|
| Harkins    | 2.3                | 3   | 5/3    | .600  | 9   | 1.3      | 7  |
| Arase      | 1.5                | 1   | 0/0    | -     | 2   | 1.3      | 4  |
| Thompson   | 5.4                | 20  | 21/13  | .620  | 53  | 9.9      | 12 |
| Jensen     | 4.3                | 12  | 3/2    | .667  | 26  | 6.1      | 10 |
| Marcy      | 1.6                | 2   | 0/0    | -     | 4   | 2.5      | 4  |
| Ayers      | 5.0                | 15  | 8/5    | .625  | 35  | 7.0      | 17 |
| Walzberg   | 3.9                | 3   | 3/0    | .000  | 6   | 1.5      | 12 |
| Broussard  | 1.5                | 2   | 0/0    | -     | 4   | 2.6      | 3  |
| Hey        | 3.4                | 7   | 18/10  | .556  | 24  | 7.1      | 5  |
| Boyer      | 0.7                | 3   | 1/1    | 1.000 | 7   | 10.1     | 0  |
| DMS TOTALS | 6.0                | 68  | 59/34  | .577  | 170 | 28.3     | 75 |
| OPPONENTS  | 6.0                | 117 | 63/23  | .366  | 257 | 42.7     | 82 |

Special team thanks are extended to John Meir and Judy Ethridge who both assisted the team by acting as official scorers, and to Cathy and John McCloskey who have represented the entire DMS cheering section. The team is looking forward to the healing of Wes McMillan's knee and more appearances by all players to bolster the sagging bench. The MAMS complete the first half schedule on the 6th and 8th of January, both games at 2100 hours at Specker Field House.

### MAMS IN ACTION



If they could only keep their hands out of cookie jars, to wit: the "in-



## Kegglers Corner

**DMS Mixed League:** The last six meets have resulted in a mad scramble for top positions, with a new league leader almost every week. The perennial leading Watergaters have slumped badly, missing "Broken Finger" Marcy's 175 average. The MCs, 7s on Tap, and GADABOUTS wasted no time exploiting the opening with the MCs gaining the largest league lead of the year despite the absence of "gimpy" McMillan and the loss of the Cruz's. League members welcomed the Cruz's replacements, Billie Harkins and Cathy McCloskey, Cathy experiencing her first taste of league competition. Starting slowly in her maiden outing, Cathy amassed 261 pins for an 87 average, but improved greatly on her second night getting her very first triple and displaying utter amazement (intermingled with shrieks of delight) on seeing her high lifetime game score of 148. She now reacts to being a member of a league leading team as if its old hat. Attagirl Cathy!

Gene Rudy continues to blast the pins, maintaining his 172 average even though missing the competition of Rick Cruz and Ed Marcy. Ed reentered the Watergater lineup on 17 Dec and quickly let Gene know of his presence by posting a 203. Gene reacted, relishing the old "get Marcy" spirit, by blasting the pins for 220 and 215 for the nights high series of 591. This raised him to a 173 average and practically a strangle hold on most improved men's bowler with plus 11. Anita Yelton, with a plus 6 pins leads



(Keggler's Corner -  
Continued from preceding page)

testing Anita with plus 5. Dick Bertocini, noticing his wife's steady improvement bought himself a new bowling ball for Christmas. We're all dying to see his "Carmel Cruncher" when league play resumes on 7 January.

#### LEAGUE STANDINGS

| Team        | Won | Lost | Average |
|-------------|-----|------|---------|
| MCs         | 41  | 19   | 555     |
| 7s on Tap   | 37  | 23   | 539     |
| GADABOUTS   | 37  | 23   | 571     |
| RV Rats     | 34  | 26   | 527     |
| Watergaters | 34  | 26   | 572     |
| Dingbats    | 23  | 37   | 489     |
| Big Deals   | 19  | 41   | 512     |
| Lucky Four  | 15  | 45   | 468     |

Tuesday Night USAES League: Jay McClatchey's T. E. Bees (sporting their X rated bowling shirts and continuing their mad antics) remains in the league lead of this tough 14 team league. To the amazement and frustration of non DMS members, the Keller, Bertocini,

Hey, Broussard, McClatchey, Heindl bunch remain on top despite the 8th best team average. Their motto, "we only get what we need--when we need it," combined with "accidentally" spilling beer all over themselves, the lanes, and occasionally an opponent; constantly and "regretfully" screwing up the score; and other exploitation of the mental side of the game have earned them the absolute and unanimous contempt (or jealousy) of all other teams. With 41 wins and 23 losses, the T. E. Bees, eating their honey between frames, have the other teams eating their fingernails. However, the other DMS team in this league lurks quietly, but menacingly, in 5th place only 5 games behind the boisterous T. E. Bees. Lundmark, Harkins, McCullough, Aranza, Connor, and Marcy are unimpressed with the T. E. Bees record to date, but are cheering them on to what is sure to be a second place finish.....right behind DMS #1. Bruce Broussard's 161 average leads the T. E. Bees while Will McCullough is high for DMS #1 with 168.

Monday Night Castle League: The DMS team in the Castle League is doing great in this "Cadillac of Handicap Leagues". As of 17 December, their record is 36 wins and 16 losses, for a third place position, only two games behind the league leaders.

Bernie McIntosh has really been hitting the wood of late. His big 242 scratch game on 11 Dec topped his old lifetime high and places him in 2d place for high handicap game with 256.

On that same night Chuck Rottman almost pulled off a 185 triplicate. In his final frame he needed to roll a strike and then two gutter balls for the third 185 game. His first ball "tapped" and he picked up the stubborn 10 pin spare for a 184 game.

Jim Harnden's 177 average leads the team and is good for a fourth place tie in the league high average standings. Vaughn Nelson is now back after a three week layoff to cure his "Bowler's Elbow?".

#### BE PERSONALLY IMPORTANT

People today need friends more than food. They need care more than roads and parks. They need personal success more than money. They need recognition more than almost anything else in life.

You and I can help give them this and have it cost us nothing but a little time and consideration.

Anyone that really cares and wants to help can find others who need them.

No one is so poor that he can't at least share a smile or a cheerful greeting.

No one is so poor that he can't find time to at least write a letter or make a phone call.

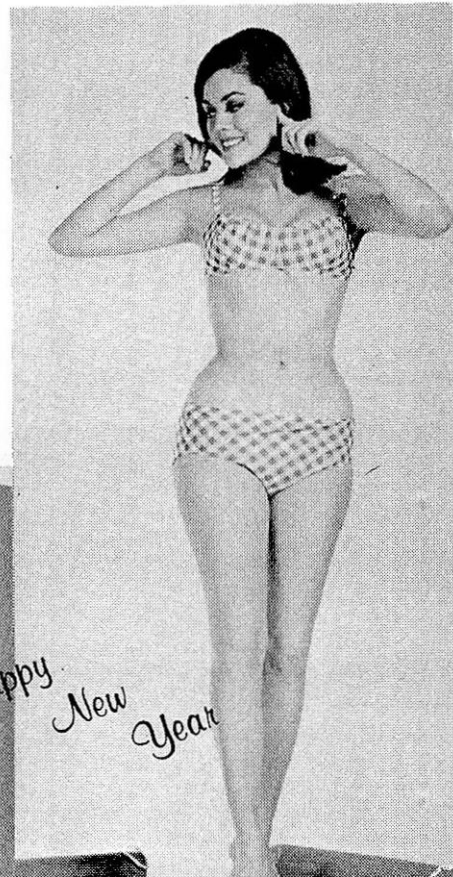
Teach someone how to be important for something-if it's nothing more than watering a flower, growing a tree, or caring for a kitten. Give someone a package of radish seeds or a goldfish or even just a smile.

David Lofgren

#### THOUGHTS FOR A NEW YEAR

Write it on your heart that every day is the best day in the year. He is rich who owns the day and no one owns the day who allows it to be invaded with fret and anxiety. Finish every day and be done with it. You have done what you could. Some blunders and absurdities, no doubt, crept in. Forget them as soon as you can, tomorrow is a new day; begin it well and serenely, with too high a spirit to be cumbered with your old nonsense. This new day is too dear, with its hopes and invitations, to waste a moment on the yesterdays.

Ralph Waldo Emerson



Happy  
New  
Year

