

Fire Prevention Award To Center

A judges special recognition award has been presented to DMAAC by the National Fire Protection Association for the agency's outstanding military facility programs during 1973.

DMAAC was one of five Department of Defense agencies receiving special recognition in the international contest designed to provide recognition for positive efforts in the field of fire prevention as indicated by the reports and exhibits submitted.

DMAAC's entry was a scrapbook of events and programs taking place at the Center during the year which help to improve the agency's fire prevention program.

The contest entries are divided into four categories—municipal division, industrial division, government division and military division. Thousands of entries are received each year.

DMAAC's entry was compiled by Chief Lester Schnable and Fire Inspector Joseph Leahy.

"The award would not have been possible were it not for the excellent cooperation of the fire wardens and marshals and all employees in fire prevention efforts," said Schnable.



A Gavel-Shaped Piece Of Arsenal History



Orienteer

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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Four Nominated for Federal Award Program Honors

One military and three civilians have been selected as DMAAC nominees in the 1974 Greater St. Louis Federal Awards program. Selected in the military officers category was Capt. Wayne T. Fisher of FE. Miss Mary F. Holliday, MD, was nominated in the administrative service category; Baltasar Luna, AD, in the managerial and technical category and Kennard O. Whitfield, PR, in the professional and scientific category.

Captain Fisher has been with the Center since 1971 serving as Chief, Facilities Engineering Operations and Maintenance Division.

He is actively involved in Junior Achievement. Last year he served as an advisor to a Junior Achievement company encouraging young achievers in the operation of their mini-business. Due to the outstanding job done by the officer he was selected to become the coordinating advisor for the 1973-74 program of the Center. In addition to his Junior Achievement work Captain Fisher spends his additional off duty time as a coach for youth football and baseball teams at St. Peters AME Church.

church to attend the District laymens organization convention in Wichita, Kan. In 1973 she served as a volunteer worker at the Billy



Miss Holliday

Graham Crusade Headquarters in St. Louis, assisting in the typing of correspondence to be mailed to individuals in the metropolitan area.

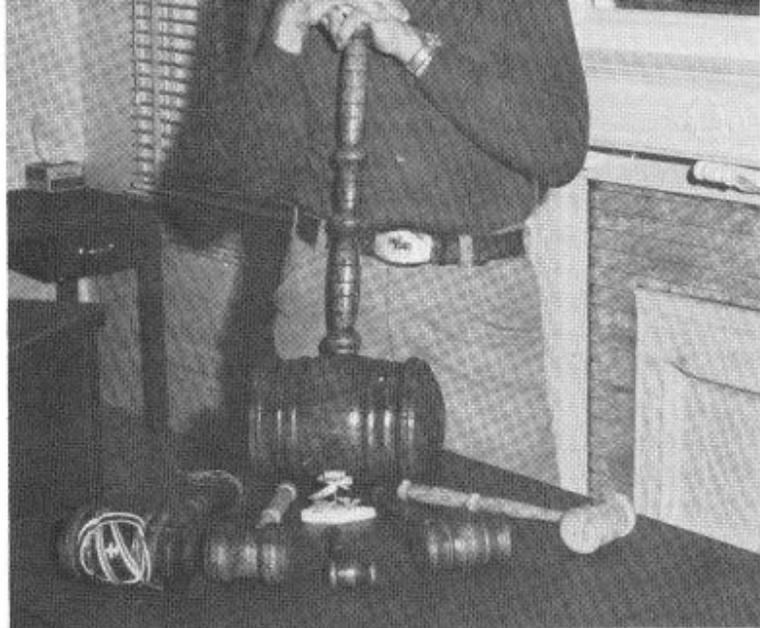
Miss Holliday is a member of the DMAAC Black Awareness Group, an organization which has the purpose of identifying and eradicating problems that are

pected to guide the ADP policies of AD for many years.

Luna is an active member of IMAGE (Incorporated Mexican/American Government Employees), a national Spanish speaking organization concerned with government employment at the Federal, State, County and municipal levels. He serves as Group Coordinator for the local chapter and nationally he is chairman on the committee on automation. He is also a member of the American G. I. Forum, an organization of American veterans oriented toward securing and protecting for all veterans and their families the privileges vested to them by the Constitution and laws of the United States.

Luna is presently working toward a masters degree in computer sciences from Washington University.





Who would make a yard long gavel out of 300 year old wood and what would you do with it? Retiree Lyman W. Mueller made the gavel and all the rest in the picture. The biggest one is used only as a conversation piece and it has quite a story behind it. The gavel started out as one of the rafters in Building One, (Dining Hall) which was built in 1856. When they tore the building down to reconstruct the cafeteria, Mueller moved some of the 9" square rafters to his basement workshop. After a day and a half work he had reshaped the rafter into a 6 1/2" diameter gavel.

Mueller had been making gavels on his wood lathe for a long time, however, he really got started when he retired four years ago. "You can't run a meeting without a gavel," Mueller says, and none of his friends have to. If he sees a chairman without a gavel Mueller goes home and makes one for him.

That is only one of the ways Mueller spends his time. "I'm so busy I don't know how I ever found time to go to work," he says. Mueller is active in his church, working on the maintenance committee. He also spends a large amount of time repairing items for the Peter Claver Missionary Nuns, these items are resold to raise funds.

"My wife and I always say that we wish all people who retire could have it as good as we do," Mueller says.



Capt. Fisher

During his official duties his managerial efforts have reduced the annual overtime budget of his division from \$65,000 to less than \$30,000. Through a consolidation of maintenance forces for all installations being supported in one location, his efforts have resulted in an annual savings of \$17,000.

Captain Fisher is single and makes his home in north St. Louis County.

Miss Mary F. Holliday was cited for her job interest and initiative toward her work which has set an example for all her co-workers. The ten year veteran of DMAAC is employed as a computer aid in the scientific computer division, management office of the Missile Support Department.

She has contributed to the improvement of office operations by her suggestion of cross-training with another computer aid whom she would help on occasion. This led to informal instructions for each to use whenever the situation warranted, and reduced wasted time whenever either or both were absent.

In the area of community service Miss Holliday is active in the work of the St. John African Methodist Episcopal Church. In July of last year she was selected as one of the delegates from her

eradicating problems that are peculiar to Black employees at the Center.

Since 1969 she has been attending night school at Forest Park Community College in an effort to enhance her formal education.



Mr. Luna

Baltasar Luna, a supervisory aeronautical information specialist in the AAFIF Service Division of Aero Info, has been with the Center since 1957. He is married and has two children.

As chief of his division he has directed his staff and contributed his personal knowledge during the past year in the detailed development of a series of highly professional staff studies designed to keep the aeronautical activities of DMAAC abreast of the rapidly developing state of the art. These studies have received enthusiastic acceptance at Center management levels and are ex-



Mr. Whitfield

Kennard O. Whitfield, a cartographer in the Plans Division of PR, has been with DMAAC since 1958. He is married and the father of two daughters.

In his official duties he was responsible for the Center's Capability Objectives Study which was used by DMA headquarters in preparation of the agency's submission to the Joint Chiefs of Staff Strategic Objectives Study. He has also consistently assembled a meaningful and edifying input for the Defense Mapping Agency Digest during the past year.

Because of his proven management ability he was elected president of the restaurant council and in that capacity he was instrumental in turning the dining hall activities into a top-notch operation.

During the Combined Federal Campaign he participated in the speakers' bureau of the overall campaign and unselfishly donated much of his free time to meet odd hour schedules such as 6 a.m. and

Continued Pg 4

Synergism Is?

by William Hogan

If you don't know what "synergism" is and would be forced to retreat to a dictionary, you are like virtually everyone else; before given free reign in a dictionary only a handful of people can explain synergism. Likewise, right now only a few people are aware that the Effectiveness/Productivity program is synergistic.

Webster defines "synergism" as the cooperative action of discrete agencies such that the total effect is greater than the sum of the effects taken independently, or in some cases $1 + 1$ can sum to 3.

E/P in Action

The DMAAC Geodetic Survey Squadron, at F.E. Warren AFB, Wyo., received a letter of appreciation from Lt. Gen. Howard W. Penney, DMA Director. The Geodetic Survey Squadron made a proposal to establish a calibration center close to F.E. Warren AFB in lieu of utilizing the facility at Fredricksburg, Virginia. This will result in a substantial cost reduction.

General Penney said "This exemplifies exploitation of one of what must be hundreds of opportunities in DMA to gain E/P savings which require the continued efforts of us all."

Also recently receiving a letter of appreciation was the Aeronautical Information Department. Brig. Gen. Kenneth P. Miles, Commander, Northern Communications Area (AFCS), thanked AD for the speed in supplying his office all the currently published data on instrument approach procedures.

"The outstanding cooperation and high quality of product provided by your personnel warrants special thanks and appreciation," the general said.

We can say that E/P is synergistic in that each of our extra efforts, coupled with the cooperative efforts of our fellow workers, can result in a net gain disproportionate to our individual efforts. In other words, the DMAAC team is comprised of 139 different occupational skills and each of us, regardless of skill, has an added contribution to make and each contribution no matter how small accelerates the pace of improvement. E/P demands a finely attuned team effort. It can not be left to the cartographer, the physical scientist, or the geodesist. Each supporting skill has a unique input. Without a smoothly running facility no one could function. Our electricians, plumbers, welders, and carpenters are vital to our continued operation. Without expert clerical assistance files, reports, and source materials would be an endless maze; we all know the pandemonium caused by the secretary going on leave for two weeks. One could go on like this for each type of DMAAC job holder. The salient point is that each of us—civilian or military, professional or non-professional, GS-3 or GS-13—has a unique niche; it takes all of us "Working Better Together" to make DMAAC work better. And as each of us performs better, our collective results can accelerate to a synergistic pace.

For more information on the Effectiveness/Productivity

Bits And Pieces

From the Black book:

February is that time of the year when the St. Louis weather is most unpredictable. One day it's springlike, with warm temperatures and sunny skies, and the next day it's dark and dreary with cloudy skies and cold temperatures. It makes you want to go fishing one day and sledding the next.

- 0 -

Speaking of sledding and cold weather provides us with an easy way of addressing the subject of Christmas cards. Our good friend and ex-information officer of ACIC, Ron Robinson sent us a card this year that proves that nobody misses the Orientor. You'll note in the sketch below that old Saint Nick is reading the inside page, most likely Bits and Pieces. Ron, by the way is a vice-president with the public relations firm of Cranford/Johnson/Hunt & Associates of Little Rock, Ark.



- 0 -

We trust that you're keeping your March calendars open for attendance of the change of

How Federal Pay Adjustments Set Under Comparability Act

In 1973 a new method was used to determine what salary adjustments to recommend to the President to achieve comparability under the Federal Pay Comparability Act.

Because there have been confusing reports about this change and its effect, the U.S. Civil Service Commission has prepared the following explanation of the method used in computing Federal pay comparability.

Private Enterprise Pay

The first step in setting Federal pay rates that are comparable to those of private enterprise is, of course, to determine what the current rates are in the General Schedule system.

Then a payroll is "fitted" to these averages in order to smooth out the differences from grade to grade. This results in a regular pattern of increases from the lowest grades to the highest. As shown by the chart below, the fitted payroll will fall slightly below some of the average rates, and slightly above others, but these high and lows will cancel each other out and very nearly equal zero.

This payroll, then, gives us the comparability rate for each grade, that is the rates to which Federal pay must be adjusted in order to be comparable to private industry pay. However, each Federal pay grade is not a single salary rate. Each grade has a number of steps. So the next question is how to set each 10-step range so that the Federal employee will be earning the comparability rate.

Laying it on the Line

Starting in 1962, our practice was to set this rate equal to the step at which the average employee was paid. "Average" as used here means what is technically called the "median" in statistics. From 1962 to 1972, the average employee was in the fourth step, and so that step was set equal to the comparability rate.

But in 1972 and again in 1973 the average employee was actually in the fifth step. Setting the fourth step equal to the comparability rate was no longer accurate. It would put the average Federal

method, but switch to the fifth step. This would not solve the problem of what to do if the average employee shifts again the future to a different step. Therefore, a new method of figuring pay comparability had to be developed. The new method not only solves the problem of the 1972 shift from step four to step five. It also keeps the problem from occurring again if the average step shifts up to step six or back down to step four.

New Method

The new method compares the average salaries—both in the private sector and in the Federal Government. This is done by plotting the average Federal salaries at each grade level and fitting a smooth line exactly as was done with the private enterprise salaries. As shown by the chart below, the difference between these two lines is the amount that Federal salaries must be adjusted to reach comparability.

In 1973, that difference averaged only 3.4 percent.

Because switching to the new system would cause such a large drop in the pay increase, it was felt that changing to the new system all at once would be too abrupt a change to make in one year. Instead, it was recommended that the shift to the new method be made over a three-year period. It was this recommendation that the President put into effect.

Summing Up

If we had continued to use the fourth step as the comparability rate, the General Schedule would have gone up 5.5 percent. But, as we have seen, that cannot be justified. It no longer provides real comparability since the average employee has shifted from step four to step five.

Under the new method (based on true average Federal salaries), the General Schedule would have gone up 3.4 percent.

The total difference between the two methods is 2.1 percent. This is the total error that has to be corrected over a three-year period. One third of 2.1 is 0.7 percent.

Therefore, going 1/3 of the way

VA notes

Tell your dependents today about benefits they'd be entitled to in event of your death, VA advises.

More than 11,000 handicapped employees serve in 300 occupations in the Veterans Administration.

One out of five homes built since World War II were financed by the Veterans Administration GI loan program.

New guidelines have been issued by VA to further improve the design, construction and alteration of its facilities to eliminate architectural barriers for the handicapped.

A stronger voice for hospital directors in the Veterans Administration central office is assured by a sweeping reorganization of the VA's Department of Medicine and Surgery.

Veterans and military retirees who wear colostomy, ileostomy, or similar devices for service connected conditions are eligible for a \$150 annual clothing allowance from the Veterans Administration.

Effectiveness/Productivity program you are invited to see Phase II of the E/P display in the hallway of Section 1b, Building 36. Phase I of the display is being relocated to Building 4, Section 4 (AD) at the South Annex.

command and retirement ceremonies. They'll be held March 28th with the retirement dinner for Colonel Chappas on the 22nd. We'll have more to say about both functions in the next issue.

dlb . . .

Allen's Son Honored

Receiving honors recently was Edward W. Allen's, MDCM, son, Edward III who was named a finalist in the National Achievement Scholarship Program. The basis of this scholarship is the result of national tests and high school rank.

Also Edward, a senior at Assumption High School, in East St. Louis, has been selected to appear in the Who's Who Among American High School Students. Selection is based on demonstration of leadership in either academics, athletics, activities or community service. Less than 3% of high school juniors and seniors are chosen.



PISCES

FEBRUARY 20-MARCH 20

The sensitive, intuitive, sympathetic Piscean is often an artistic, impractical dreamer who ignores the facts of reality and spends to excess. Yet you know instinctively that money should not be a source of worry. Save before you spend with U.S. Savings Bonds through Payroll Savings.

The ORIENTOR is an official newspaper, published bi-weekly on Friday by and for the personnel of the Defense Mapping Agency Aerospace Center, at St. Louis, Missouri. Opinions expressed herein do not necessarily represent those of the DOD.

Col. Walter J. Chappas

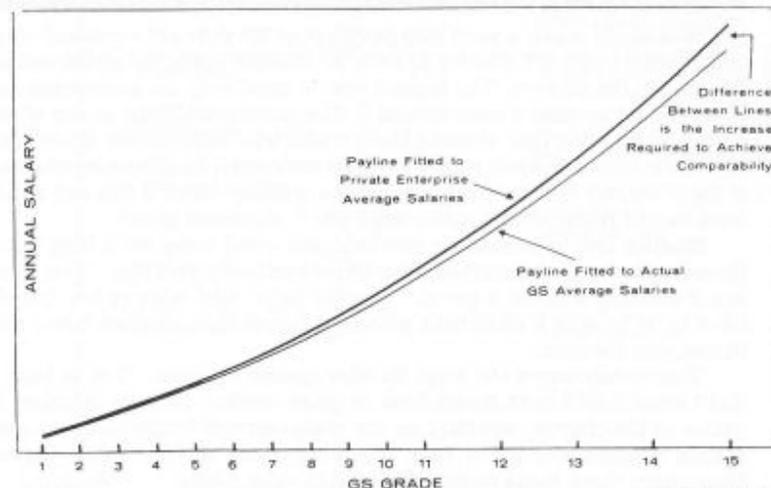
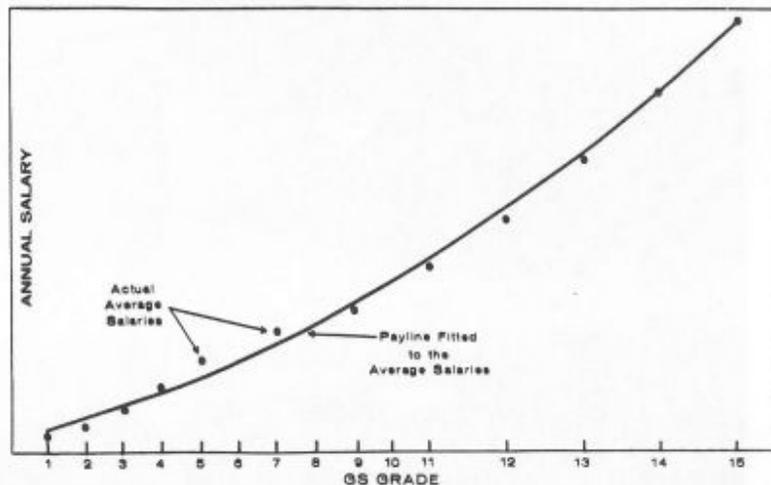
Director

David L. Black

Chief, Office of Information
Editor

would put the average federal employee a full step above comparability with private enterprise. One solution to the problem would be to continue to use the old

therefore, going 1/3 of the way back from the 5.5 percent increase under the old method resulted in the 4.8 percent average increase that went into effect in October.



Prepared by the
United States Civil Service Commission

Three Hit Thirty

RALPH J. TOSI, SOCB, began his Federal career with the U.S. Army Ordnance Corps in September 1942. He served in the European Theater of Operations over two years and was discharged in January 1946 in rank of sergeant.

He resumed his Federal career as a laborer at the Granite City Army Depot in April 1947. He was promoted to chief, Packing and Packaging Section, Shipping Branch in 1950 and remained there until June 1971 when the depot was closed. He transferred to DMAAC the following month and was assigned as a guard. He has been assigned as a desk sergeant since December 1972.

CARL S. LAPPE, LOSA, started his Federal service when drafted into the U.S. Army on October 15, 1943. He was assigned to the 14th Floating Aircraft Maintenance Unit and after marine boot training was assigned to a 165 foot boat. They left Alabama on a shakedown cruise, went through the Panama Canal and up the coast to California. After a layover there for several weeks for repairs, they departed on January 11, 1945 for overseas. They arrived in Tacloban, Leyte, P.I. on April 17 but a few days later the ship and unit were deactivated. He was reassigned to the 15th Supply Squadron, 15th Air Depot Group and later was put in Unit Supply. After 13 months on Leyte he returned home, receiving his discharge on February 20, 1946.

Several months later he landed a job at Army Finance Center as a storekeeper. He was promoted to

Warehouse Chief then Administrative Assistant and Assistant Chief of the Service Office which was position he held

Infantry in 1941, just six months before Pearl Harbor. After training maneuvers he spent six months in Oahu, Hawaii then to



Tosi



Lappe



Hangge

in February 1954 when the Finance Center was moved to Indianapolis. He entered on duty at DMAAC on May 10, 1954 as a clerk typist in Salvage and Disposal. In September he was assigned as Unit Supply Officer of the Aeronautical Information Division until June 1962 when all Unit Supply offices were consolidated into the Base Equipment Management Office where he became a supervisory supply clerk. In December 1969 he was reassigned to the Directorate of Logistics, Supply Division, Research Section where he is presently assigned as a Supply Technician.

RAOUL E. HANGGE, PDB, began his Federal career when he volunteered in the U.S. Army

combat in Sarmi Wadki, in Dutch New Guinea. Then, up the coast of New Guinea until January 9, and the 9th Wave in the initial invasion on Luzon. He was hospitalized in Manila with malaria during August 1945. He was discharged in December 1945 and attended school under the GI bill the following year. He returned to Federal Service in early 1947 at the Finance Center as a clerk and then transferred to the guard force. He worked at the Post Office as a guard prior to his transfer to DMAAC guard force in 1951. Approximately six months later, due to prior experience at a local printing firm before World War II, he went into the press room where he is presently assigned.

Retirements

LEON W. KREISLER'S, FEMM, retirement was effected February 12th. Except for his military service, all of his Federal service was here at 2nd & Arsenal. He began on December 16, 1940 with the St. Louis Medical Depot as a packer of medical items and equipment. He was inducted in the U.S. Army in January 1942 and

ning to the U.S. on the Queen Mary.

After receiving his discharge in October 1945, he returned to the Medical Depot and was assigned as a selector checker and later a mechanic. Since his transfer to DMAAC in 1955, he had been assigned as an electrician and worked all three shifts.

GI Loan Interest Rate Drops

A one-quarter per cent reduction in the maximum GI home loan interest rate became effective Jan. 22, according to a Veterans Administration (VA) announcement.

In ordering a drop from 8.5 to 8.25 percent on VA loans, officials noted that the new lower rate has been established for Federal Housing Authority loans by the secretary for Housing and Urban Development (HUD).

Explaining that the lowered interest rate can save as much as \$1,530 over the life of a 30-year mortgage on a \$25,000 home, officials expressed the hope that the reduction would encourage many veterans and service people to reenter the home buying market.

The new loan rate does not apply to VA mobile home loans which

differ from regular mortgage loans in that they are for shorter terms and lesser loan amounts.

The new maximum rate was set after a series of market indicators and has demonstrated the old 8.5 per cent figure, in effect since Aug. 25, 1973, was very near the par for commercial home loans.

The reduction is the first drop in interest rates since Feb. 18, 1971. Interest rates were reduced three times between Dec. 2, 1970, and Feb. 18, 1971. Rate increases marked the program from its founding in June 1944 until December 1970.

A law enacted in July 1973 authorizes the VA administrator to set interest rates on GI loans in line with market conditions following consultation with the HUD secretary.

Calendar of Events

FEB	EVENT	WHERE	INFORMATION
25	Stamp & Coin Club	Dining Hall 2nd St. 7:30	Capt. Campbell/ 8474
MAR			
5	BAG Meeting	Dining Hall 2nd St.	H. Malone/4328
5	FBA Luncheon & Mtg. (First Tuesday this Month only)	Carpenter's Hall	D. Black /4142
7	Assn of Litho Club Meeting	Salad Bowl Rest.	L. Held/4845
10-15	ACSM/ASP Convention	Chase-Park Plaza	W. Tucker/4416
20	SPRING Arrives		
22	Farewell Dinner for Col. Chappas	Stan & Biggies	Capt. Stead/8105

Publication Award

Charles G. Peterson, MDMA, has received the Second Honorary Medal in the III Talbert Abrams Award. The award is to recognize

Scott Support

Jack Willett, CMD, Quentin J.L. Parker, CMDO and Richard Albenesius, CMDO, recently received appreciation letters from

**U.S. Savings
Bonds**

An Investment

In Your

Future

U.S. Army in January 1942 and spent 35 of his 46 months in service in the European Theater. He served in Africa, Italy, France and Germany and was awarded five bronze stars. After the war he spent a week in England, retur-

worked all three shifts.



Kreisler

Mr. Kreisler said he had no direct retirement plans, except to enjoy life as it comes.

MELVIN M. MURAMOTO'S, CDFA, retirement was effected February 7. A cartographer, all but 26 months of his total 23 years, 5 months Federal service was at DMAAC.

Tax Trouble

The Internal Revenue Service has established special phone lines in the two-state area to provide income tax assistance.

In metropolitan St. Louis phone 342-1040. Illinois residents can call toll free 800-252-2921, and outstate Missouri residents may call 800-392-4200 toll free.

Award. The award is to encourage the authorship and recording of developments in photogrammetry. Peterson received this award for his paper, "Compilation of Lunar Pan Photos" that appeared in the January 1973 issue of "Photogrammetric Engineering."

Peterson is only the second DMAAC employee to receive this award. The medal will be presented the week of March 10 at the American Society of Photogrammetry's annual convention in St. Louis.

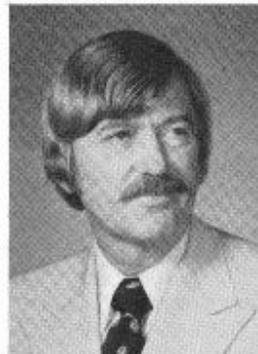
received appreciation letters from Col. Edward A. Cochran, Scott AFB, for their emergency computer support given to the base.

Willett made arrangements that enabled Scott to be able to process their payroll on time. Parker has consistently given emergency support when needed. Albenesius has provided much assistance, including working from 1 to 5 a.m. on Sunday morning.

This is one of the many examples of inter-service support that DMAAC employees pride themselves upon.

We Did It Again!

The last issue of the Orientor incorrectly displayed the wrong picture with the stories of 30 years service. For Al Litwa it was his second time around to have somebody else's face and for Billy Smith, well as he said, "That's the way the first thirty have gone, might as well start the second 30 the same". Our apologies gentlemen. The photos and names should have looked like this:



Smith



Litwa

ACS—

The New Look in Charting and Information

Over the past decade the processes involved in chart production have been undergoing some gradual but revolutionary changes. New processes, new equipment and new theories have been introduced throughout the cartographic world and are particularly significant here at DMAAC.

The need for this "new approach" is evident when one looks at the technological advancements made in today's MC&G support to the weapons systems. These systems have called for a rapid increase in the availability of cartographic information whether in digital form or in conventional chart graphic format.

To begin to meet these new requirements the development of new techniques was initiated at the Center in the late 1960s which integrated automated processes into standard map/chart production methods.

Until recently this new look in charting has been primarily centered around the research and development (R&D) efforts with a limited number of pieces of equipment being placed on the line. Today the R&D efforts have progressed to the point where an operational system concept is being implemented at DMAAC—the Advanced Cartographic System-ACS.

WHAT IS ACS? Simply, it is an integrated system concept. A combination of different hardware components, a set of various software programs and a large file or Cartographic Data Base where the generated data is stored. Implementation is expected to be a phased process during the FY 74-80 time frame.

The hardware consists of digitizers to perform the conversion process, displays to examine and edit the information, plotters to assist in the edit along with producing final graphic materials, computers to store and manipulate data throughout the system, and digital data products

to support guidance systems and simulators of various weapon systems.

The Advanced Cartographic System as it is known today encompasses the photogrammetric compilation and digital data processes accomplished in the Missile Support Department; the cartographic and graphic finishing processes accomplished in the Cartography Department; the Cartographic Data Handling System processes accomplished in the Research Department; other MC&G data bases at the Center; the chart production related aeronautical information processes and the automated aeronautical information data base accomplished by the Aeronautical Information Department, and the computing and information processing support to all of these provided by the Scientific Computer Division of MD.

Hardware associated with these organizations, which falls into the ACS category includes the AS-11 Analytical Stereoplotters, Calmagraphic Digitizing System, the Automatic Type Placement System, various precision plotters, the UNIVAC 1108 computer, the newly installed Linear Input System, and a planned raster input/output system.

WHAT DOES ACS DO? The ACS is a means by which graphic information, whether imagery or symbolized cartographic features

on maps and charts, can be converted to organized digital records for subsequent multiple product generation and application. The system also provides a method for both detecting and then correcting errors. It has the capability of putting out data in both symbolized and imagery graphic formats, as well as directly in automated formats such as magnetic tape, disk pack, files, electronic display, etc.

WHAT ARE THE OBJECTIVES OF ACS? ACS is DMAAC's first effective automated capability for production of large volumes of digital data and resultant products in a wide variety of formats. It will mechanize and improve some of the current processes. A considerable reduction in production time for most products is expected along with comparable dollar savings through use of computer manipulation of data in lieu of routine manual handling of information. It will allow this center to increase its productivity and meet a widening range of products while maintaining a stable number of DMAAC employees.

As other Advanced Cartographic Systems are implemented throughout DMA the exchange of data between the Centers will be enhanced thus allowing the Defense Mapping Agency to keep pace with advancements in the Nation's everchanging weapons systems which require MC&G support

Blood Drive Quota Met

Again DMAAC has reached its yearly quota of blood donations and group coverage will be extended throughout 1974, according to Roy Schuttenhelm, blood drive project director. Achieving the quota of 823 pints enables all employees and retirees, members of their households, parents, grandparents, parents-in-law, and grandparents-in-law, to be eligible for blood replacement at any hospital in the U.S.

A new quota has been established for 1974, which must be met in order to keep group coverage in 1975. Bloodmobile

visits are scheduled for the third Friday of each month, from 9:30 to 2:30. Exact time, date and location are posted on bulletin boards and reported in the Administrative Bulletin.

If a need for blood arises, the Dispensary, 2nd and Arsenal, should be contacted while the patient is still hospitalized. The only cost to the individual is for a service charge of \$14.25 per pint, which covers collection, processing, etc. Blood obtained from other sources could cost as much as \$70.00 a pint.

Bill Collectors

How Rough Can They Get?

How rough can a bill collector get before he is overstepping his legal rights?

Assuming the debt is a legitimate one, the law is on the side of the collector. Obligations are to be paid, not shirked. As one court said, when a debtor complained that a bill collector was annoying him:

"The right of a collector to inflict some worry upon a debtor by reasonable means is necessary to the very existence of the credit system."

However, the law is taking an increasingly stern view of harsh tactics. Not only may a collector run afoul of criminal statutes but he may also have to pay damages to the debtor.

That may happen, for example, if he unfairly exposes the debtor to

velopes marked "we collect bad debts." The debtor sued the collector and won damages.

The court said the phrase "bad debts" carried the implication that the debtor was not only delinquent (which was true) but also dishonest (which was false).

What about the common collection practice of telephoning a debtor to demand payment? Within reasonable limits, such calls are perfectly proper. But here too the law draws a line.

One collector, telephoning a woman about a debt, used such violent and abusive language that she became seriously ill. Later she sued for damages, and the court held the collector liable. Said the judge:

"Neither beating a debtor nor purposely worrying him sick is a

Fed Awards

nightly speaking engagements. He has served as a loaned executive to the United Fund of St. Louis for the past three years assisting with the government division and the Combined Federal Campaign.

In his home community of Rock Hill he serves as a member of the board of alderman and is chairman of the finance committee and member of the public safety and solid waste committees.

On a national basis Whitfield was designated moderator of a seminar on minority participation in geophysics at the annual meeting of the American Geophysical Union. He now serves on the AGU Committee on Minorities. This important national committee includes among its membership the only four minority PhD's in the field of geophysics in the United States.

The nominee is a lifelong member of the Olive Chapel A.M.E. and was elected president of the chorus last year.

He holds a masters degree from St. Louis University.

All nominees will compete with nominees from more than 100 Federal agencies in the Greater St. Louis area. The final six winners, three military and three civilian, will be announced at the Federal Awards Program Banquet scheduled for April 5th at Stouffer's Riverfront Inn.

information whether imagery or symbolized cartographic features

Volunteer Worker

Vicki Bedford, civilian employee of the DMAAC S. Annex Dining Hall, spends her off duty time helping others. "You don't know how many people there are that need help," Mrs. Bedford told the Orientor, "until you start doing volunteer work."

She devotes her time, money and energy to the Lutheran Family and Children Services. "We are in continual need of canned goods, clothing, bedding, etc.," reports Mrs. Bedford. Many of the people she cares for are aged or bedridden and totally dependent on the more fortunate to assist them.

Anyone that would like to help in the volunteer efforts either with time or supplies can contact Mrs. Bedford on 638-3400.

Boyd Listed

James L.R. Boyd, RD, has been listed in the 1973 edition of Who's Who in Aviation. Boyd has been with the Center since 1964.

A native of Atlanta, Ga., he now makes his home in Ballwin, Mo.

everchanging weapons systems which require MC&G support.

Future Orientor articles will feature parts of the ACS.

Explorer Honored

Explorer Scout Jan Gerlach, treasurer of DMAAC Explorer Post 9241 was elected Secretary-Treasurer of the POST PRESIDENT'S ASSOCIATION of the South St. Louis District, Boy Scouts of America. The Association serves as a board of review for Explorer activities and proposed programs. Post 9241 is sponsored by the Aeronautical Information Department.

Osborne Teaching Praised

Virgil N. Osborne, CDI, has been complimented on his experience and expertise by the Defense Mapping School Osborne recently taught a class on Structural and Radar Prediction Analysis to a group of officers at the school.

Colonel Maurice K. Kurtz, Jr., USA, Director of the Defense Mapping School, said that Osborne's instruction was very informative and timely in addition to being well received by the officers.

if he unfairly exposes the debtor to public disgrace. In one case, a collector sent dunning letters in en-

purposefully worrying him sick is a permissible way of collecting a debt."

ACSM/ASP Convention Activities

Ladies activities for the forthcoming ACSM/ASP convention have been identified by Ladies Activities Chairman, June Moran. Items on the agenda include:

LADIES' ACTIVITIES

EVERY Morning	INTERNATIONAL Coffees	8-?	M - American T - Italian W - German T - English, Luv F - Goodbye-good friends
Monday	TOUR of ST. LOUIS	10-3	\$7.00 includes: Lunch on Robert E. Lee, Campbell House, Arch area, Byzantine Mosaic, Historic St. Louis and more
Tuesday	HERB Program	10-11	- A spicy gift for each - Professional speaker Dutch Treat
	LUNCH at the CHASE PERIOD FASHION SHOW	11:30-1 1-2	Lavender and old lace from the St. Louis area
Wednesday	CAKE DECORATING	9-?	- A tasty little cake for you to decorate - Lunch in the local area (dutch treat) Lots of bubbly fun A surprise for everyone
Thursday	WINE PARTY ~ and a little something extra	1-2 2-3	
Thursday	TOUR of "Ole ST. CHARLES"	10-3	- Wander thru antique shops and craft stalls - Lunch (dutch treat) - Champagne on us
Friday	Just for YOU		Tours tailored to individuals taste and time

JUNE A. MORAN
Chairman, Ladies Activities