

## FY 90 Operations: *A Proud Accomplishment*

By Dennis Drum

Last year, I was privileged to write an article on AC's FY89 production. Rereading that article in preparation for this one, two things stood out to me: One, we had overcome challenges, and two, I stated that the year couldn't be satisfactorily covered by an overview.

I don't wish to lessen last year's accomplishments, but any of us would probably have traded any one of this year's challenges for three of last year's! What'll you give me for Desert Shield? Counternarcotics? the Budget?

The "Major Goals and Accomplishments" box (see page 6) will give you a glimpse at what we produced in FY90; the numbers don't tell the whole story.

So much happened, even a summary cannot be printed in one *Orienteor*, so this story will be continued Dec. 7.

This year we're going to tell the story by having people from the areas involved speak for themselves. These stories are not limited to "production" but also encompass as many of the "support" functions as we could.

A. Clay Ancell, Deputy Director for Programs, Production and Operations, said, "Throughout the Desert Shield crisis, our people have unselfishly worked long



Photo by Jim Stepanik

Cartographer Lorean Smith (SDAAC) begins the process of updating MC&G products by performing source evaluation.

hours and weekends. And again, they have excelled in the time-honored DMAAC tradition of 'coming through' on time with quality products to support our combat forces. They deserve to be very proud of their exceptional accomplishments."

The final judgment on this year will be in the minds and hearts of the people who made it happen. They will remember being confronted with challenges, calling up their "inner" reserves and "just doing it!"

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Thanks for your gift of \$1,088 to Old Newsboys! Details Next *Orienteor*.

# Talking Point

## Fiscal Year 90

**T**HE BOOK ON FY90 is now closed. It was a year of significant challenges and major accomplishments. In the next few issues of the *Orienteer* we are going to highlight that twelve-month period telling the story of FY 90. It was a story of hard work, dedication and pride. And you have every right to be proud.

**WE STARTED THE YEAR** with our plate full. In addition to a formidable production schedule, we continued the process of bringing on the Digital Production System. Facilities at Second Street and 8900 South Broadway are still being prepared.

As the FY 90 developed, we geared up support with increased emphasis on our country's counternarcotics effort. And then came OPERATION DESERT SHIELD.

**THE AEROSPACE CENTER** chapter in DESERT SHIELD began shortly after Iraqi troops poured across the border of Kuwait. The Center was faced with supporting one of the largest peacetime mobilizations in our nation's history. Meeting the demands of DESERT SHIELD meant long hours and many sacrifices, but as usual you took up the challenge.



From Col. Marcus J. Boyle, Director, DMA Aerospace Center

But for all that DESERT SHIELD asked of us, it reminded everyone why we are all here, namely those in uniform cannot do their job without us. That's just how important your work is.

**THERE WILL BE MANY** new tasks and challenges in meeting the needs of a U.S. military being redefined in an ever-changing world. But for now I want to thank you for an excellent effort during the past twelve months. You really are the best in DMA, as reflected in these pages ●

## Warning: Holidays Can Be Fatal

**I**n recent years two employees have died in auto accidents during the holiday season. On Dec. 28, 1987, programmer George Whalen (WG) and his wife were killed in a head-on crash on U.S. 61, south of the Iowa line, when an approaching van went off the shoulder, prompting the driver of the van to over-correct by crossing the center line; George and Janet had been returning from a holiday visit with parents. On Dec. 21, 1988, John Humann, section chief in Mapping and Charting, died in a solo collision on St. Charles, Mo., County Route D. No doubt many employees still pause to remember these respected co-workers, perhaps especially at this time of year.

As we enter another holiday season, one wonders if our departed friends would agree that it could happen to us. And would they have



The Grim Reaper has come to symbolize death on the highways, and the "harvest" is always greater during the holidays. If Steve Nuebling (WG) didn't scare you standing outside Building 36 on Halloween, now is not the time to laugh him off.

any words of caution to share?

They might tell us that victims don't always have a say in their fate. But what about the things that we can do to make the holidays safer for ourselves, our loved ones, and the people we meet on the road?

Do we fasten our seatbelts whenever the car is in motion?

Do we refrain from driving under the influence of alcohol or drugs?

Do we stop driving when we become

sleepy?

Do we stay off the road when conditions become hazardous? And do we know how to get out of a skid?

As riders, do we help the driver to do his or her job by avoiding upsetting talk and by helping with directions?

We can all ask ourselves these obvious questions, and then change the answers if we don't like them.

And may our holidays be happy.

--Public Affairs Office

## Thanksgiving Day Messages

### From the Secretary of Defense

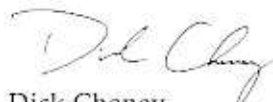
**J**ust like the Pilgrims at Plymouth Colony, we use Thanksgiving Day to reflect on our blessings and give thanks for all we have, as individuals, families, and as a nation.

In the time that has passed since that first Thanksgiving in 1621, our nation, too, has survived difficulties. And we still face clear threats to those freedoms which the Pilgrims set about to find in a New World.

Today, many of you among the men and women of our Armed Forces stand at the forefront against aggression in the Middle East. With your vigilance and dedication, you are our nation's strength. Because of your professionalism and patriotism, our nation inspires freedom-loving people everywhere.

Whether you are in the Persian Gulf or on duty elsewhere away from your families this Thanksgiving, I offer special recognition and thanks for your sacrifice.

To all of you in uniform, your families, and to Department of Defense civilians who serve a vital role, I offer my personal best wishes for a happy Thanksgiving.



Dick Cheney  
Secretary of Defense

### From the Director

**O**ver 300 years ago the Pilgrims gathered to count their blessings and celebrate the first Thanksgiving. They had completed the journey across the sea to a new land, and freedom, but life was harsh.

So difficult were living conditions in the colony that first year the group faced extinction. But they had survived, and for that they gave thanks. The Pilgrims dwelled not on the past, but looked to the future.

One year ago, the world was celebrating the crumbling of the Berlin Wall and the flowering of democracy around the world. Hopes were raised that we were on the threshold of a new era of peace. Then came Iraq's invasion of Kuwait.

Since the invasion, the people of DMA have worked long hours and made many sacrifices to support our troops in the Persian Gulf. You made those sacrifices willingly because you know freedom isn't really free, it has a price.

So as Americans stand watch in the desert half way around the globe, our nation gathers one more time to give thanks for its many blessings.

True, the world is still a dangerous place, as it was for the Pilgrims, but like them we remain willing to sacrifice to protect that greatest blessing of all—freedom.



Marcus J. Boyle  
Colonel, USAF  
Director

## CFC Tops 1990 Goal

"The bottom line is there's still money coming in and we're going to take it!" CFC project officer Kelly Fitzgerald told the *Orienter*. At press time Nov. 14, contributions stood at \$217,387, exceeding the 1990 campaign goal of \$210,000.

"I'm going to be thankful this Thanksgiving," Kelly added. "Employees came through despite the environment--being overworked (due to Desert Shield) and fearing being underworked (due to the possibility of furloughs). I think we're going to make \$220,000; we got a pledge for \$1300 just yesterday." A final report will appear in the Dec. 7 *Orienter*, and a celebration is planned for workers.

## Outdoor Break Area Nears Completion

An outdoor break area south of the entrance to Building 36 will be done this month, officials estimate.

As shown in the architectural drawings near the lobby window south of the entrance, the break area features a 27 by 27-foot patio of exposed aggregate concrete with two rows of benches. The patio is outlined by paving brick. Landscaping and a 3-foot-high brick wall line the entrance to Building 36 on the north side of the patio, and there is also landscaping west of the patio.

Explaining the erection of temporary construction barriers, Cal Hunnius, chief of the Directorate of Facilities Engineering Construction Management Branch (FECC), said, "We're not trying to inconvenience employees, only provide for their safety. Please do not cross the barriers."

With construction scheduled to start next month on replacing oil lines between underground storage tanks east of the Parade Ground and Building 40, new barriers will be erected. There will also be minor disruption of parking and traffic lanes at the east end of the lot south of the Parade Ground.



## In Sympathy

Melvin R. Richards died Aug. 20. An aeronautical information specialist at the Aeronautical Chart and Information Center, now DMAAC, from 1960-62, he was the father of Navy Captain Dick Richards, commander of the space shuttle Discovery on its mission last month, and the uncle of visual information specialist Sam Richards (SDRG).

A veteran of World War II and the Korean War, Mel Richards served aboard Navy submarines, retiring as a chief petty officer in 1959. He was an insurance agent for many years after leaving ACIC.

Mr. Richards leaves his wife Margie. Thankful that her husband witnessed their son's first space voyage, Mrs. Richards said regarding the second voyage, "I feel like Mel had a closer seat than any of us."

Interment was in the family cemetery in Caledonia, Mo.

## Orienteer

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# FY 90 Operations...

## COUNTERNARCOTICS SUPPORT: EARLY FISCAL YEAR PRIORITY

SOUTHCOM and the Drug Enforcement Agency (DEA) were among several military organizations and federal agencies which levied a multitude of mapping and charting requirements on DMA in November 1989 in support of the Counternarcotics Program. This required a major rework for DMA, with a massive reprogramming effort required for the AC FY90 production programs. PPC staff personnel performed an integral part in orchestrating this massive change. The counternarcotics support provided a unique challenge to all involved and allowed for a high degree of job satisfaction and national pride. "Coordination" and "expedite" were the banner words for the operation. PPC and PPCC served as the AC points-of-contact, having the responsibility for programming over 100 production work-years and approximately \$1.8 million in support funds. The PPC staff, working closely with the AC production departments, responded with innovative production methods using native maps and new source materials such as Landsat. General James, who came from SOUTHCOM, was very pleased with AC's efforts and chided us to do more, faster, and to never forget the operational forces in the field.

## --Charting and Aeronautical Products Division (PPC) 'DESERT SHIELD': DMAAC'S NUMBER ONE PRIORITY

Beginning in early August, DMAAC began providing quick response support, through the Crisis Management channels, for information over the middle east. The support requirements became known as "Desert Shield" and soon became DMAAC's Number One priority. The Desert Shield intrusion required extensive model changes to the FY91 DMAAC Initialized Program. The production pipeline was impacted, affecting the product release schedules which were in development by the PPD and PPC

Directorate Level Program Managers.

Initially, USCENTCOM, in support of Desert Shield, was interested in providing the deployed forces as many existing products as possible. This initial thrust put heavy workloads on the PP Directorate program managers such as Messrs Dennis Shannon/PPDD and Jim Wertin/PPDG who were involved with the Cartographic Data Base and the PPDB Repository located in the Data Services Department. Shortly thereafter, new product requests were tasked to support a variety of military options requiring PP managers to be on call 24 hours per day. Mr. Ward Bradley supported numerous requests for precise point positioning data used for navigational updates and targeting while Messrs Tom Doll and Dean Graves supported the Terrain Elevation Data requirements in support of the Cruise Missile and Special Operations. Interim Terrain Data that defines the terrain characteristics, was programmed by Mr. John Simon.

Mr. Hamlet Kelly and Ms. Mildred Dillon, along with SMSGT Johnson, AFIA, were instrumental in providing Escape and Evasion Charts in the field within 30 days. Also, the JOG and Series 200 chart production plans were rapidly developed through long hours of effort by Messrs Craig Brandenburg and Jeff Goebel.

Through a close teamwork approach, the PP and Department managers resolved production issues in an effective, timely and efficient manner which allowed a rapid delivery of digital and paper products to the field units. Production status was tracked and presented to the DMAAC Director and sent to HQ DMA on a daily basis. The daily status was tracked through the efforts of Messrs Bill Wall/PR and Dean Graves/PPDD and displayed in the form of viewgraphs and charts developed by Ms. Pat Imbierowicz/PPD. The key to Desert Shield's success is the teamwork that all organizations demonstrated with everyone giving that extra effort and displaying a sense of urgency.

--Jimmy Boyd/PPD

# ...A Proud Accomplishment



The Escape and Evasion Chart can be used for plant identification by a downed pilot.

## FY 90 PRODUCTION SYSTEMS DIRECTORATE ACTIVITIES

The Production Systems Directorate (PS) was established 8 October 1989 to increase AC's production capabilities through the introduction and implementation of new or improved technology, equipment, systems, and techniques into the Center's production and information systems operations.

The Configuration Management Division (PSC) served as the Center configuration control of the production baseline. On 1 October 1990, PSC was abolished and the remaining functions and staff were assigned to the Development Requirements Division (PSD).

PSD's mission is to conduct development requirements formulation, operational concept development, test and verification, transition planning, and implementation of new or improved technology, equipment, and systems and techniques into the Center's production operations. During the past year, PSD provided Center staff management of Mark 85 Segments including Feature Extraction (FE/S), Hardcopy Extraction (HE/S), Digital Comparator (DC/S), and Source Acquisition (SA/S).

Additionally, PSD played a key role in several other developmental efforts. These include a capability to produce Digital Point Positional Databases (DPPDB), compile charting products from synthetic aperture radar, and use early delivered DPS hardware to produce image maps from LANDSAT as well as to perform softcopy finishing of 1:100,000 scale maps. Finally, PSD provided technical support for the acquisition of DMA Distribution Management System and the Geographic Names Processing System.

The Information Systems Division (PSI) was responsible for database administration, ADP management, and communications. The ADP management and communications functions were transferred to DMATSC on 1 October 1990, and the name of the Division was changed to the Database Administration Division (PSB). PSB's mission is to serve as the Component Segment Manager (CSM) and focal point for activities directly related to the management of DMAAC's DPS (DI/PM, SA, DS) and non-DPS databases.

December 1989 saw the production implementation of the Data Integration Segment (DIS). The implementation group, PPMD, was disbanded at the beginning of March 1990 and PS assumed most of the functions at that

time. As with all major systems, DI/S has had its share of operational shortcomings. Major Requests for Change (RFCs) were initiated to correct these problems.

The early delivery of the Production Management Segment's (PM/S's) main frame computers in July 1990 provided a better response time to users.

PSB worked to enhance user knowledge of the Source Acquisition Segment (SA/S) by bridging the information gap between existing high level documentation and more detailed references on SA/S functions. The development of a SA/S notebook, which captures the working knowledge of experienced SA/S personnel, will provide a means to train new personnel and will serve as a reference manual.

PSB worked toward the development of a segment management structure, clarifying roles and responsibilities of segment personnel, and establishing lines of communication within and between components. Inter-Center communication has improved through participation in the SA/S Database Working Group, Segment Engineering Review Board, and various Technical Exchange

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# FY90 Operations...

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Meetings, and through frequent contact with DMAHTC and DMARC.

PSB has taken an active role in bringing together AC, SC and O&M personnel to research, define, and propose validation software and procedures to give greater assurance to the integrity of the SA/S database.

—Production Systems Directorate

## DI/S - A SUCCESS STORY!!

Who would have thought that the Integrated Status Reporting (ISRS) and Computer-Assisted Programming Systems (CAPS) would ever die?

These two systems were an integral part of our DMIS/P management information operations for many years. But now they are gone, replaced by the Data Integration Segment (DI/S).

Many who thought that DI/S would never be a viable replacement for ISRS and CAPS are now wondering how we ever got along without DI/S. Some still think ISRS and CAPS were better, but that is probably because they do not understand DI/S or what it can do. Actually, to fully understand DI/S is a more complicated process than it was for ISRS or CAPS. But this Center more than met the test and successfully brought the system on board.

After several months of preparation, including extensive cleanup operations on existing resource charges and production standards, we successfully accomplished a data base conversion in October of 1989. We learned that our old systems had been very forgiving when it came to allowing entry of "unclean" data.

Before the conversion, we were recording 20,000 hours of "invalid" resource charges. These "invalids" existed because of the lack of adequate safeguards against entry of bad data and poor data cleanup procedures. This must be contrasted with our current level of 170 hours of "invalids" using the DI/S! Even these will be totally eliminated by the end of the month. DI/S ensures full management and accurate accounting

## Major Goals and Accomplishments

Product	Programmed Goal	Actual Production
Maps and Charts.....	878.....	949
CD-ROMS.....	660.....	623
One Degree Cells (DFAD/DTED).....	708.....	709
Filmstrips.....	11.....	11
TERCOM.....	206.....	241
Points.....	11,195.....	12,443
DFAD 3C Scenes.....	151.....	151
Gridded Photos.....	80.....	144
Interim Terrain Data.....	22.....	78

for all charges made by personnel.

During the last few months, we have successfully accomplished three important activities through the use of the DI/S. They included: a Program Objective Memorandum (POM) to support the annual budget programming; a POM with a resultant Expanded Joint Table of Distribution (EJTD) to support the Reduction in Force (RIF) and Reorganization/Realignment activities; and a POM to reflect our 'Initialized Program' for the Five Year Defense Plan (FYDP). These Component-level actions were accomplished with little or no expenditures of overtime funds. This is in drastic contrast to past years, when many hours of overtime and compensatory time were used to accomplish the same actions.

Another recent action using DI/S illustrates how it can become a very useful tool toward standardization. A

Program Manager successfully transmitted (electronically extracted from the DI/S data base) a production standard to his counterpart at HTC. Each manager was able to immediately compare, coordinate and agree on common production processes, time frames and coding for the standard. Common standards, for production common to the two Centers, have never been produced before.

Another Program Manager recently transmitted a specific ad hoc generated report to a remote printer at HTC. This allowed the recipient to see how we had prepared a report to show expenditures for an exercise. Each Center's Program Managers were able to report in the same format before submission to Headquarters DMA. Another example of DI/S achievements in commonality, in near real-time!



Cartographer Roger Davis uses the Data Integration Segment (DI/S) to generate reports for management use.



# ...A Proud Accomplishment

This Center chose to turn off ISRS as soon as cutover was made to DI/S. That decision forced us to depend totally on the DI/S. It also led to the successes described above. Headquarters DMA dictated the turnoff of CAPS, so the POM could be completed on time. However, we were processing the DI/S POM at the same time and actually had to recreate the CAPS version. CAPS functionality was turned off shortly after submission of the POM to Headquarters. There have been no ill effects from that turnoff!

We have described here only the aspects of DI/S that involve production management of resources and rates. DI/S actually incorporates many data bases into the overall relational data base.

*-William Hemple/PPI*

## FY90 DIGITAL PRODUCTS DEPARTMENT ACTIVITIES

Fiscal Year 90 found the Digital Products Department faced with some unique challenges, which the people of DP met with their usual ingenuity and professionalism. DP entered the year anticipating many changes and challenges in the form of budget reductions, reorganizations, relocations, addition of several new products, and the normal heavy production program load. Each of the three production divisions in DP had its own set of problems and accomplishments during the past FY.

Terrain/Feature Division I (DPI) accomplished their normal production program of Level 1 and Level 2 DFAD and also became heavily involved in several new products. One of these was the production of a prototype Interim Terrain Data (ITD) sheet. This would be the first time that ITD (the digital form of the Tactical Terrain Analysis Data Base (TTADB) overlays) was produced directly on the Feature Extraction Work Stations (FEWs). Previous production of ITD was by digitizing TTADBs produced manually or on the FEWs at Louisville. DPI proved that the one-step production of ITD was possible.

A highly motivated team of produc-



Cartographer Mike Kerins (DPL) extracts information from aerial photography using an analytical stereoplotter.

tion and support personnel was put to work, resulting in the production of both the digital ITD and the TTADB overlays for the prototype assignment. With the help of some creative programming and innovative use of the FEWs, all six overlays were produced, even though the available software only supported five.

The success with the prototype led to the training of a cadre of 19 Terrain Analysts and two Product Engineers, and full-scale ITD production was started in April.

Because of priority production assignments in MC, DPI was asked to support the production of 1:50,000 Topographic Line Maps (TLMs). A group of analysts had to learn a new set of specifications, and many visited the MC facilities at South Broadway to learn production techniques. They then went to work on the third new product started this year.

This experience in ITD and TLM production enabled DPI to support ground troop operations for Desert Shield. DPI produced 121 ITD sheets

and eight 1:50,000 TLM compilations for the US Army in less than three months.

To accomplish this unprecedented feat, all of the division's analysts had to be trained in ITD compilation. The experienced analysts provided on-the-job training and support for their inexperienced partners. Two ten-hour shifts per day, seven days per week, with daily production meetings for control and coordination, paid off. A strong sense of teamwork and commitment ensured that the deadlines were met. Terrain/Feature Division II (DPC) is a multi-product producing division. In FY90 DPC continued producing DFAD 1C, DFAD 3C, PLD, and Carto DTED. In addition, the division produced ITD, PVOD, and RTAD prototype, all new products.

FY90 was the second year of production for DFAD 1C (2nd edition) and DFAD 3C, making them relatively mature products. The division was able to complete these programs even though source delivery dates were

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impacted by CN projects. DPC's experience with these products ensured success.

Interim Terrain Data (ITD) is a portrayal of terrain features, both natural and man-made, that are significant for tactical and planning military operations. The ITD program began at DPC in September 1989, with delivery of software from SC(EG) for the Automated Graphics Digitizing System (AGDS) and the Clustered Cartographic Processing System (CPS). In October 1989, HTC trained 20 people in DPC. By January 1990, some of these people trained 56 other cartographers, processing officers and system managers in the division.

In March 1990, the basic design of ITD changed to include extensive transportation information. This change to the product specifications translated to delays due to the need for software modifications and creation, use of additional hardware and retraining of personnel. The program expectations were reevaluated and the division pushed forward. Many hours of overtime and extended shifts were used to complete the program.

The production numbers could never reflect the amount of effort DMA expended to develop this product. The fact that ITD is a viable program today is owed, in a great part, to the professional integrity of the DPC personnel.

With security classification and release guidance provided by SOC, in coordination with DMA, the ITD production program progressed through FY90 with 16 completions. Issues concerning declassification were addressed and this in turn led to a wider dissemination of some ITDs. As DMAAC progressed into Desert Shield support, timely security and release guidance was provided by DMA (SO) through DMAAC (SOC).

PVOD is a high volume product requiring DPC to produce an end-to-end product; from source identification and retrieval, VAX processing, and UNISYS database loading. Production was hampered in FY90 by



Cartographer David Westfall (DPI) uses an FE/S work station for Desert Shield Requirements

software problems and database design limitations. By devising system manipulations and procedural workarounds, DPC was able to complete the FY90 program—including a rapid response to Desert Shield requests.

DPC also successfully completed a prototype for RTAD. The procedural and specification items found during digitizing, processing, and validation will greatly assist in defining the product before full production begins.

Terrain/Feature division III and IV (DPL and DPM) were reorganized into a single Division (DPL) and the TERCOM validation function was reassigned to Data Services Department in FY90. In accordance with the Digital Production System scenario, DPL's Pooled Analytical Stereoplotter Systems (PASS) and Edit Systems were relocated from Building 36(4D) during the second quarter of FY90. DMASC (WGHBA) relocated the 36 stereoplotters, three central computers, and the Edit Systems to Building 89004. DPL personnel packaged materials, tested all instrumentation, assisted SOC couriers, and acted as escorts and spotters during this relocation.

During FY90, Terrain/Feature Division III (DPL) produced 466 Level 1 DTED cells, 225 TERCOM matrices, and supported several other pro-

grams. To meet the DTED and TERCOM rates, it was necessary to operate the PASS systems at both Second Street and South Broadway on a three shift basis during the relocation. In support of Desert Shield, the Division produced 58 TERCOM matrices and one DTED matrix, working seven days a week in August and September 1990 on two or three shifts as required. Other DPL support included UNISYS, Pooled Analytical Stereoplotter System, and Edit System software test and acceptance, and numerous special terrain matrix studies.

DPL managed to do the impossible by accomplishing a major reorganization and physically moving to 8900 South Broadway while completing a difficult production program.

The Production Support Office (DPP) was involved in many significant projects. Micro-relief is one area that involved the Transition Management Branch 2 (DPPB).

Micro-relief digital terrain collection is data collected at dense collection intervals. This type of collection lends itself well to relatively small collection areas. The selection of this type of collection technique occurs when attention to detail is an important factor. The products generated from this method are collected in



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much the same way that other DTM products are collected.

Micro-relief products have been successfully generated on the Digital Comparator System (DC/S) because of the versatility of this all-purpose system. Tasks such as computation of building size, cultural features, and areas where close monitoring is essential, are well served by the resultant micro-relief product. During the year DPP reorganized creating first one and then a second MARK 90 Transition Management Branch with a total of 26 people supporting the DE, PG and PM Segments of DPS. These staffing changes are the first steps to reorganize according to the MARK 90 Phase II Staffing Plan Studies.

In FY90, DP Department expended 677 person/days of TDY support to contractor Factory Tests, inter-agency/contractor TEMs and initial delivery activities at Reston Center. Overall, DP provided in excess of 22,100 work hours support to development and testing of DPS hardware and software and the development of DPS functionality, production process flows, staffing/training plans and systemwide Operational Concepts.

During the past year, DP has undergone some significant changes in the way its production management functions and responsibilities are structured and organized. Most of the DP production program management moved to DPP which increased DPP's responsibilities in supporting the production Divisions.

As DP restructures itself for MARK 90 with personnel moves, program realignment, and restructuring of organizations, its personnel continue to work effectively together to meet the challenges. --Nick Decher/DPP

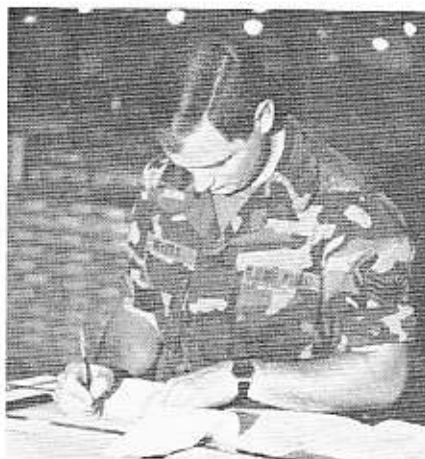
## LOGISTICS SUPPORT FOR DESERT SHIELD

During the past two months, Base Supply had 10,224 demands (increase of 32%) placed on items in stock and new production items. Stock fund spent 1.5 million dollars on the increased demands. This drove our total stock fund from \$9.9 to 11.4M, a

sizeable jump! Material Management Branch placed orders for film and map paper direct to depots and manufacturers in order to insure enough paper, film, ink and plates were available to support AC production requirements. The Material Storage and Distribution Branch received 46 truck loads of map paper, 920 skid, 1,656,000 pounds, (increase of 500% for map paper) within three weeks. On one Friday, the warehouse computer kicked out 184 issue requests, from map paper to drawing pens, and all of it needed to be delivered for Desert Shield work scheduled for the weekend! They did it and with no overtime! Each branch of Base Supply worked toward the goal to have the right supplies at the right time at the right place. Job well done!

SSgt Myers of the Material Storage and Distribution Branch (LOSM) is the spark plug behind the branch's meeting its Desert Shield requirements. He continually goes above and beyond his job requirements in the Receiving Section, to do whatever needs to be done in the supply warehouse. Friday, August 10th, was a test to his technical and leadership abilities, and to his colleagues in the warehouse. On that one day, 184 issue requests poured off of the warehouse computer terminals. That's three times the normal volume; it was all needed for Desert Shield production over the weekend; and both the branch chief and the section chief were not available. SSgt Myers organized the work and the workers; he even jumped on a forklift himself to pull property and take it to the delivery area. The entire crew rallied to the effort, all deliveries were made by 3:30! It was a scene that was repeated dozens of times in the supply warehouse. Supply custodians were expecting them to be swamped and respond slowly; but no! they kept the pace up, so much so that production managers commented how quickly they received supplies. Thank you, Ron!

Mrs. Enke of the Material Management Branch (LOAS) was the focal-point for all supplies ordered through LO. These supplies included papers,



Waist deep in finished products, SSgt. Ron Myers prepares a shipment to deployed forces.

film, inks, chemicals and various other items. She worked daily, sometimes hourly, with production department scheduling and supply specialists. They forecasted requirements, estimated lead time and prepared priority justifications. She stayed in constant contact with the production departments because the requirements were coming in fast and changing so quickly. Mrs. Enke worked closely with the buyers in AQ and item managers at the Defense Logistics Agency to expedite and monitor the back orders. Mrs. Enke manages the Direct Material Management (DMM) supplies. These are supplies critical to production. Throughout August, September and into October, the DMM inventory fill rate was at 100% every day almost without exception. Mrs. Enke carefully balanced all supply requirements and applied stock fund dollars to the items she knew were needed. In total, Desert Shield placed an extra \$1.5 million in demand through the system. Mrs. Enke must know how to spend money smart because AC had not one work stoppage at any time due to a supplies shortage. Her customers had what they needed when they needed it. Thank you, Kay! --Directorate of Logistics

Continued in  
next Orientor.

# Honor Roll

## SERVICE

### 40 Years

Tucker, Willard T.

### 35 Years

Claeys, Philip V.

### 30 Years

Duran, Jose M.  
Evans, Gail Penn  
Gang, Charles L.  
Mabry, William  
Thompson, Jeter J.B.

### 25 Years

Berra, Thomas P.  
Bock, Leona M.

### 20 Years

Cooper, Charles R.  
Gross, Diane L.  
Hoelker, Christine E.  
Meece, Michael W.

## PERFORMANCE

### Outstanding Performance

Brewer, Elmer W.  
Brown, Ralph G.  
Burks, Charles H.  
Crawford, John T.  
Davis, John R.  
Dilg, Donald G.  
Hawkins, Richard H.  
Henson, Donald E.  
Lambert, Bernita D.  
Moore, Carol G.

### ASAP Award

Day, Jeanne M.  
Doss, Dawn F.  
Grouzos, Peter M.  
Johnson, Gregory W.  
Nassif, Helen V.  
Waters, Joyce A.

### Performance Award

Cowen, Sharon B.  
Doyle, Sharon A.  
Larson, Donald L.

### Outstanding Performance/ Performance Award

Bohrer, Victoria M.  
Dierkes, Richard B.  
Dollison, Allan L.  
Jensen, Robert M.  
Murphy, Connie D.  
Woodyard, Keith A.

### Outstanding Performance/ Quality Step Increase

Argabright, James C.  
Covington, William R.  
Jordan, Vickie J.  
Kinser, Nancy J.  
Payne, Eddie  
Vanmeter, Richard H.  
Wells, Robert L.

### Special Act Award

Ahrens, Robert J.  
Bodimer, Janet  
Brabec, Linda E.  
Nowicki, Patricia J.  
Ramsey, Michael W.  
Seifert, Richard A.

### Suggestion Awards

Bainbridge, Terry C.  
Becherer, Thomas L. - \$418  
Cronk, Jeremiah M. - \$434  
Collins, Christina M. - \$434  
Clemens, Joyce L. - \$434  
Idol, Terry A. - \$318  
Mason, Francis A. - \$40  
Peterson, Brian M.  
Piper, William B.  
Rogers, Jeff C. - \$26  
Rosendale, Susan A. - \$146  
Stoessel, Karen L. - \$434  
Wagoner, Donald E. - \$360  
Whitney, Mark W. - \$413

## CORRECTION

Terry C. Bainbridge and William B. Piper shared a \$1,080 suggestion award. Each did not receive \$1,080 as indicated by the award amount published in the Oct. 26 *Orienter*. Each received \$540 for their joint suggestion.

## PROMOTIONS

Aniello, Peter J., GS-9  
Antoniewicz, Kerry J., GS-11  
Barton, Jerry D., XP-11  
Battle, Janette C., GS-5  
Bauschlicher, Barbara A., GS-5  
Berryman, Dornico A., GS-6  
Billman, Thomas A. Jr., GS-11  
Blossingame-Johnson, Nora D., GS-7  
Boswell, Carol L., GS-5  
Brophy, Patrick H., GS-9  
Brown, Harold D. III, GS-12  
Buschbacher, Kurt A., GS-9  
Callahan, Michael P., XP-8  
Cloninger, Richard R., GS-11  
Dant, Kevin D., GS-9  
Davis, Tammy L., GS-5  
DeCleene, Thomas P., GS-11  
Dickerson, Jay L., GS-9  
Dieckmann, Betty A., XP-10  
Doescher, Christopher J., GS-9  
Dorman, Edna, XP-10  
Eckstein, Patricia L., XP-10  
Edgerton, Daniel J., GS-11  
Edkins, George T., GS-11  
Etherton, Michael D., GS-11  
Fernow, Linda J., GS-11  
Ferrell, Earline A., XP-7  
Gandy, John A., XP-7  
Gillespie, Laura J., GS-6  
Gladden, David L., WG-6  
Gross, Mark H., GS-11  
Hanewinkel, Sharon L., XP-7  
Haviland, Eileen M., GS-11  
Hinkley, Sandy K., GS-9  
Howland, Loe A., GS-9  
Jensen, Dobra K., GS-9  
Johnson, Arbedella, GS-11  
Johnson, Craig F., GS-9  
Johnson, Gary D., GS-11  
Kienbusch, William R. Jr., XS-10  
Knirr, Karl B., XP-11  
Krahn, Robert W., GS-4  
Lawson, Holly A., GS-9  
Lemakis, Harry, XS-10  
Lycett, George P., GS-9  
Malcor, Patrick G., XP-7  
Manford, Eric G., GS-9  
Massey, Josephine E., XP-10  
McComie, David S., GS-9  
Minks, Zachary D., GS-11  
Mohesky, Norma J., XP-10  
Muehleisen, Mark G., XP-11  
Muncy, Rita M., GS-11  
Pascoe, Christina, GS-7  
Perkins-Duma, Carla D., GS-5  
Perry, Jane F., XP-7  
Pezold, Denise E., GS-9  
Pierce, Vincent, GS-11  
Poucher, Shirley R., XP-7  
Reppell, Madonna L., WG-6  
Robben, Vincent D. J., GS-9  
Schmitt, Shirley M., XP-7  
Scroggins, Alan D., XP-8  
Shaw, Lewis A., GS-7  
Sheehy, Paige M., GS-5  
Smith, Marianne C., GS-9  
Solt, Thomas A., GS-9  
Stanford, Cynthia A., XP-8  
Tait, Kimberly K., GS-12  
Truka-Weisz, Christine L., XP-10  
Tyszka, Robert J., GS-11  
Van Reenen, Cecil A., GS-11  
Wenger, George J., GS-9  
Whitmore, Edward F. Jr., GS-11  
Wilcox, Terry R., GS-11  
Wiley, Barbara G., GS-11  
Wishom, Reginald, XP-7  
Wolf, Robert L., GS-11

## MILITARY AWARD

### Air Force Achievement Medal

Airman First Class Richard E. Winkenwoder, as communications/computer operations systems monitor for the Sperry 1100/60 while assigned to Det. 4 of the 1911th Communications Sq., Keflavik NAS, Iceland.



Bob Kalinowski hawks the Old Newsboy edition at South Annex.

Margaret Spezia is backed by her family at DMAAC program in her honor. From left, Kenneth Hamm, Gary Spezia, Michelle Hamm and Charlotte Hamm.



## Spezia Honored By Co-Workers

Accounting technician Margaret M. Spezia (AFOT), who travels to Washington, D.C., Dec. 5 to accept honors as Outstanding Federal Employee with a Disability from the Office of Personnel Management, Department of Defense, and DMA was honored by her co-workers during an Awareness Program and Reception Oct. 31. Special guests were her husband Gary Spezia, parents Kenneth and Charlotte Hamm, and sister Michelle Hamm.

Marie Davis, who like Margie is a chapter volunteer for the Muscular Dystrophy Association, spoke on ways of mainstreaming persons with MD into the work force. Davis has a daughter with MD who works for causes of the disabled as a student at the University of Missouri-Columbia.

The program was conducted by the HRM Operations Office Equal Opportunity Office (HRSE), which is now responsible for special emphasis programs, including the Disabled Veterans and Persons with Disabilities employment programs. Marie Simmons is acting chief of HRSE.

## Cholesterol Screening Begins Next Week

High blood cholesterol is one of the three major risk factors for coronary heart disease. The other two are smoking and high blood pressure. Heart disease is the leading cause of death in the United States.

Cholesterol is a fat-like substance present in all animal tissue. It is used in many of the body's chemical processes and is manufactured by the body itself.

The risk of developing coronary heart disease increases as your blood cholesterol level rises. A blood cholesterol level of 240 mg/dl is considered "high." Any level above 200 mg/dl increases your risk for

heart disease.

Conversely, lowering your blood cholesterol level will slow fatty buildup in the walls of the arteries and reduce your risk of a heart attack. Some studies have shown that in adults with high cholesterol levels, a one percent reduction in total cholesterol levels produces a two percent reduction in the number of heart attacks.

The Dispensary will be conducting a cholesterol screening program Nov. 26-30 and Dec 3-7. Screening is at both sites and available from 10 to 11 a.m. and 1 to 2:30 p.m. Monday through Friday.

--Medical Services Division

## ACS Luncheon To Feature Carolers

The DMAAC Carolers will perform at the bimonthly luncheon of the Aerospace Charting Seniors Dec. 12 at the Holiday Inn Southwest/Viking Conference Center. Social hour, 11:30. Lunch--choice of lemon sole or chopped steak--at 12:30.

Call Grace Riechmann/832-5066, Harley Jennings/428-3356, or Pat Cronin/846-8567; or mail reservations with entree choice NLT Dec. 6 to ACS, P.O. Box 6942, St. Louis, MO 63123. Cost is \$9 per person.

## Calendar

DEC.	EVENT	PLACE	RESPONSIBILITY
4	Toastmasters	Lindbergh Room	R. Snider/4956
11	FBA Meeting	Garavelli's Inn at Park	T. Woodward/895-9208
12	ACS	Holiday Inn SW Viking Conference Ctr	P. Cronin/846-8567
13	Toastmasters	South Annex	H. Galan/8384
18	Toastmasters	Lindbergh Room	R. Snider/4956
20	FEW Meeting	2nd St. Dining Hall	M. Miller/4783
20	Bloodmobile	2nd St / So. Annex	P. Benson/4047
25	CHRISTMAS DAY		
20	NFFE Local 1827	2nd St Dining Hall	E. Hacker/776-8424
27	Toastmasters	South Annex	H. Galan/8384

Contact Debbie Wenzelburger/4142 NLT 12 December to have your January events listed.

## Retirements

Years of federal service are given.

### October 3

Helen M. O'Brien (DSGM), geodesist, 12 years.





## Hallo-weiner

Photos by Jim Stepanik

Employees enjoyed all the hot dogs they could eat, with trimmings of choice, potato chips, pretzels, and soda on Halloween. The picnic, sponsored and funded by the Civilian Welfare Council, was held for both first and second shifts at 2nd Street and South Annex. Last spring, Six Flags characters stirred up a similar event; this time a few Halloweeners prompted the mirth. As pointed out by CWC President Janice Thomas, without the help of volunteers, the happening wouldn't have happened. Thanks to all for their hard work behind the scenes.

### Winning Tickets

Winning tickets for the CWC's free Hallo-weiner drawing are as follows. At 2nd Street: 0048972, 0048911, 622655, 622652, 0048947, 622831 and 0048885. At South Annex: 296874, 297319, 297046, 297029, 297443, 297227. Winners should call Rick Bonnot at 4210 or Linda Pratte at 8200.

## Barrels Are Out For Toys for Tots

Employees wanting to donate a toy to brighten Christmas for a needy child will have their opportunity to do so again this year. "The barrels are out in the lobby of Building 36 to collect Toys for Tots," said boiler operator Frank Reis (FEMEH). The program is run by the U.S. Marine Corps and supported by a wide range of community groups and citizens, including former Marines like Reis. Helping Frank will be former Marine Charles Cassidy (FEMES). "Don't wrap the toys," Frank advises. "The Marines will take care of that."

**DEFENSE MAPPING AGENCY  
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