

Fuel Line

Defense Energy Support Center

July 2008

Active Injectors

SEMPER PROGRAM

powerful SOLUTIONS

Inside this issue:
New director takes the reins
Environmental program debuts video
Global distribution extends enterprise

**DESC Worldwide Energy
Conference and Trade
Show 2008**

From the Director

No razzle-dazzle, just a simple plan



**DESC Director
Kim J Huntley**

**We will
measure our
success by
how well we
support our
customers'
mission
successes.**

See related story on page 6.

I am truly honored to be the new director of the Defense Energy Support Center, and I am thankful for the tremendous opportunity to lead this outstanding organization to continued and improved successes.

As a team, we in DESC will measure our success by how well we support our customers' mission successes.

I have no revolutionary doctrine to dazzle you with. The plan is simple — keep supporting the warfighter each and every day, look for opportunities to improve support wherever we can, and anticipate and position ourselves to meet future needs as well.

My first couple of months will be spent getting to know more about you and the vast, complex organization you run. I will also visit the combatant commanders and major military service customers to listen to their requirements. DESC has a great reputation around the world. The warfighters depend on DESC to fuel their critical missions, and we must continue to supply quality fuel and energy services whenever and wherever our customers need them.

My job, and that of all DESC's leaders, is to maintain a workplace that is professional, respectful, and one that never compromises the integrity of the individuals or DESC. We will speak freely with each other — differing opinions are not disrespectful when offered professionally. Feedback is essential up and down the chain. It helps leaders make informed decisions and helps everyone perform at peak. It is critical at every level to know what we are doing right, as well as wrong.

Like every Defense Logistics Agency field activity, we emphasize forward presence and customer support — extending the enterprise's products and services down to the pier, the flight line and the last tactical mile. This is an area where DESC excels. And, our experience in that shared challenge enhances our horizontal relations within our DLA enterprise as we learn from each other's successes.

We will soon be embarking on a journey to implement Energy Convergence. I have asked Mr. Dulin to lead this important effort. It is critical to our future system operations, financials, and customer support. This integration of all DESC's supply chains with DLA's enterprise business system is a major event.

But, make no mistake — our day-to-day mission support is the priority, and our continued success in this area is critical to the mission success of our customers.

A big part of improving mission support will be the Lean Six Sigma methodology that improves process flow and trims waste to bring value to the customer. Though I may introduce new concepts and goals, real success in Lean will come from you.

Successful process improvements and lean initiatives come from within the workforce and are backed by strong leadership support. I have experienced it, and it is the most empowering process we can use to accelerate our support.

We have learned a great deal about continuous improvement methodologies from industry, and I will look to our suppliers to participate with us, where it makes sense, as we continue to enhance our supplier relationships. When we strengthen the link between our suppliers and our customers, we strengthen our supply chain.

I relish the challenges and rewards of this assignment as we work together to fuel the warfighters' mission success.

Kim J Huntley

DESC provides effective, economical and comprehensive energy solutions for the Department of Defense and other customers.

Fuel Line

In this Issue:

From the Director	2
Focus on DESC	
Initiative delivers double whammy for Air Force.....	4
Face to face at the Worldwide Energy Conference.....	5
New director takes the reins of DESC.....	6
Improving fuel management in Iraq.....	8
Growing the next generation of joint petroleum experts.....	10
Energy professionals surge to 2008 conference.....	12
Global distribution network extends enterprise.....	14
Environmental program debuts animated video.....	16
Skunk smells sweet success in videos.....	16
Stewardship: Job One for DESC.....	18
Texas unit shores up helium mission.....	20
DESC provides key support to Tradewinds exercise.....	22
Energy conference is labor of love for many.....	24
San Antonio team plans Serene Response.....	26
Records management: Do you know what to keep?.....	28
Kick off more than COG in wheel.....	29
DESC goes for Gold in Thailand.....	30
Indian Health Services symposium welcomes DESC.....	31
DESC fuels fight over Alaska.....	32
The Big Picture	
Tinker Air Force Base employees transfer to DLA.....	34
Hurricane information available on line.....	34
Guard members fight floods, fires.....	35
Warehouse contributes to green culture.....	36
Jones named to DLA Hall of Fame.....	36
Predator combat air patrols double in one year.....	37
Defense National Stockpile refocuses.....	37
In the Limelight	
Gray named DLA and DESC Employee of the Quarter.....	39
Fuelies honored in joint ceremony.....	40
Luebcke lauded / Larvick promoted.....	41
Catlin's wedding shower / Kmon awarded.....	42

On the cover: *The 2008 DESC Worldwide Energy Conference and Trade Show, 14-16 April. Front--Carl Hammonds leans on a Hammonds Additive Injector while listening to a question from Alex Gonzalez of the Undersea Warfare Center. Back--The Air Force's Lt. Col. Mark Doll, Lt. Col. Ian Biggins and Lt. Col. Mark Sakadolsky stopped by the FMW Composite System booth. David Livingston explained the Ground Expedient Refueling System. (Photos by Susan Declercq Brown)*



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Initiative delivers double whammy for Air Force

By David Butler
Bulk Petroleum CBU

“Extending the Enterprise and Stewardship”

When I saw the proposed topic for the next Fuel Line, I thought, “This is exactly what we’re doing” with the Air Force Bulk Petroleum Initiative.

Then I thought, “I really don’t have time to write something on it.” But, if I don’t take the time, nobody will know about all the effort going on down in the trenches to make this initiative a reality. So, here goes.

Last year, the Air Force came to the Defense Energy Support Center to ask us to consider taking over their bulk fuel facilities on 46 bases worldwide. We said we’d love to (Extending the Enterprise!), but it has to be of benefit to the Department of Defense (Stewardship!). So, we did an analysis, and sure enough, we thought we could privatize the operations efficiently and effectively.

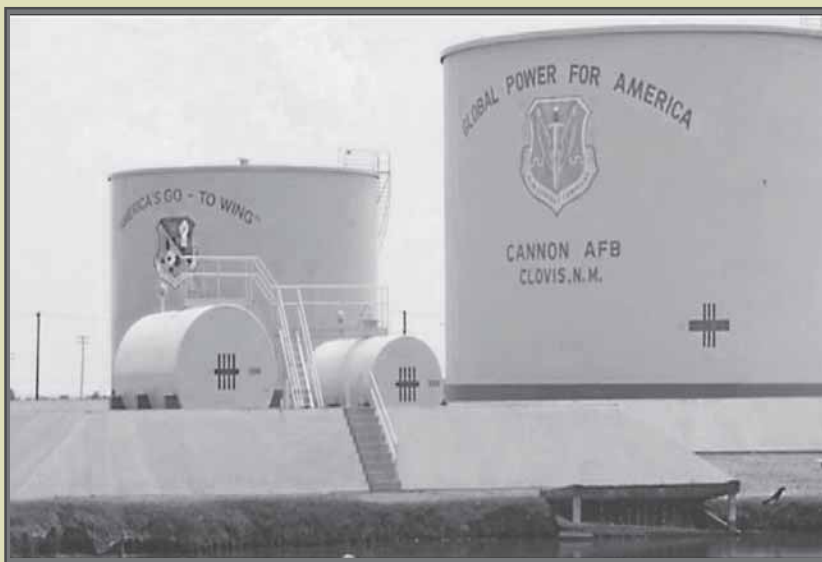
Then we started the long process of privatizing a site, or converting it to a contractor operation: developing a performance work statement to describe what the contractors would

do, preparing all the contract documentation that goes with any project, and working with our customer, the Air Force, to make sure we met their needs. We put together teams to travel for more than a month to all the sites for pre-proposal conferences so the contractors who wanted to bid would know on what they were bidding.

The contractors put together their proposals, and we put together teams from DESC and the Air Force fuels and civil engineering communities to evaluate their offers. Once the evaluations are completed in mid-June, the Bulk Petroleum CBU, or DESC-B, contracting folks will award 21 new contracts for this initiative.

And, then the fun begins for DESC-B contracting and facility management personnel—they have to oversee these contracts for the next five years.

So, next time you’re wondering if anyone is working to Extend the Enterprise or taking Stewardship seriously, just walk down the halls of DESC-B. There we’ll be.



**You want it?
You’ve got it!**

Bulk storage facilities, like this one at Cannon Air Force Base, N.M., will soon be managed by contractors as a result of the Defense Energy Support Center’s efforts to privatize operations at the request of the Air Force. (Courtesy photo)

Face to face

By Susan Declercq Brown
DESC Public Affairs

Nearly 1,800 participants in the Defense Energy Support Center's largest-ever Worldwide Energy Conference and Trade Show met face-to-face with 110 vendors who displayed products and services in the trade show venue April 14-16 in Crystal City, Va.

DESC hosts the conference every other year to provide their customers, suppliers and vendors an opportunity to learn about the latest trends and technologies in the energy industry and how the federal government, particularly the Defense Department, is becoming a more efficient and environmentally friendly consumer of energy products. DESC has put on the conferences since 1997.

"There were so many vendors this year, we spilled out into the lobby area," said Susan Turner, chief of DESC's Customer Support Division, and co-chair of the conference planning and support team.

Open from Monday evening to Wednesday at 2 p.m., the exhibitor's hall was full of vendors and suppliers offering consulting services, transportation, specialized equipment, fuel, electricity and chemicals, testing supplies, protective gear, spill recovery services, and more.

"These vendors and distributors do a great bit of work with the government in the fuel and energy business. It's a great opportunity for these people to come in, show the business applications that they have and show what they can do for our suppliers and customers," said Mark Iden, DESC's deputy director of operations.

Feedback on the event has been very positive.

"This conference has really been outstanding," said Marine Master Gunnery Sgt. Vance Maxey, an academic coordinator at the Boat Fuel Petroleum Training Facility, Fort Lee, Va. "It's given me an opportunity to see some of the new technology and see how the bulk fuel community has grown."

Army Lt. Col. Andre Hinson agreed. "The conference has been very beneficial in that I've had the opportunity to meet fellow co-workers in the petroleum community... and some of the vendors that supply us with equipment," said the joint petroleum officer from U.S. European Command, Germany.

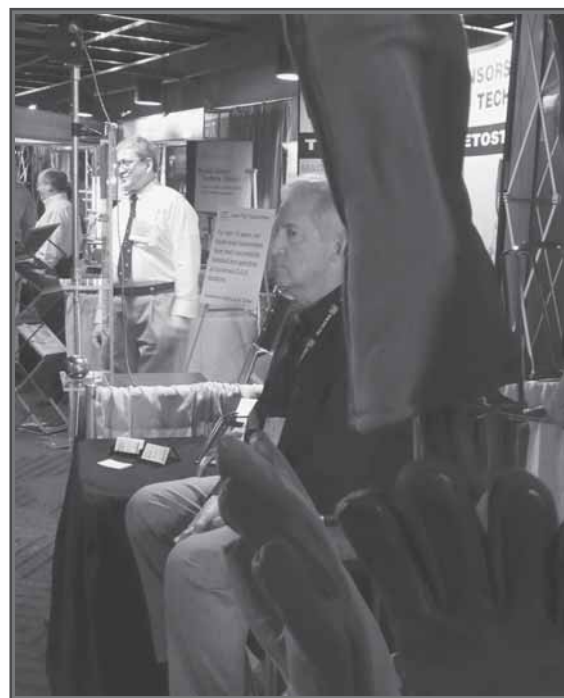
Lt. Col. Mark Doll, the Air National Guard liaison to the National Science Foundation, toured the trade show with the Defense Department's liaison to the NSF and the deputy commander of an ANG wing that supports America's Antarctica missions. "We use 6.2 million gallons a year in support of those missions," said Doll. "And the trade show was a great opportunity to see what might be new in the way of delivery and storage of fuel, and airdrop bladders." Meeting DESC contacts was the most important opportunity for the trio, he added.

Vendors were equally enthusiastic.

"The one really great thing is that we get some face time with existing clients, but then we get an opportunity to meet some new potential clients and talk to them about what we do, which is fuel system design," said Jamie Pittman, a marketing special-

July 2008

Masley Enterprises' Ed Bielo takes a break near his display of JP8-resistant gloves as other exhibitors ply information in the background. (Photo by Susan Declercq Brown)



ist with Argus Consulting, Inc.

Danny "Mac" Jeffreys, a client service manager with Weston Solutions, also appreciated the opportunity to meet face-to-face with DESC employees with whom he deals on a regular basis.

"This is the third consecutive DESC conference that Cape has exhibited in, and my fourth personally," said Troy Blackmon, vice president and Fuel Systems Business Unit leader at CAPE. "CAPE provides turnkey sustainment, restoration and maintenance services for fueling systems. We come to the conference to continue building and strengthening our working relationships with both customers and vendors. This particular conference always enables us to gather key intelligence regarding upcoming fueling system projects. In terms of our business development investment, this show offers CAPE greater efficiency than any other marketing channel."

The exhibitors "all look forward to seeing each other. Competitors look forward to networking with each other in addition to meeting with customers and potential customers," said Kathi Wiser, a core member of the conference planning and execution team. "It's like a reunion."

Several exhibitors told organizers they would have liked a higher ceiling in the exhibit area. Keeping this feedback in mind, the team is currently evaluating potential locations for the next conference, said Elaine Stober, a customer service analyst with DESC's Support Division, and a core member of the conference planning and execution team.

DESC officials were pleased with the conference turnout and the interaction opportunities it offered.

"We do this conference every other year, and it's a great opportunity because people turn over in their jobs, the military in particular, and it's a great forum for them to come in, get to know the people in DESC, know who the suppliers and vendors are, and make sure they're primed to do their job the best they can," said Iden, summing up the event.

New director takes the reins

By Susan Declercq Brown
DESC Public Affairs



Passionate.

That was the word used to describe the new Defense Energy Support Center director in a ceremony during which he assumed responsibility for the Defense Logistics Agency component responsible for fueling national defense.

Kim J Huntley assumed command of the DESC in a ceremony at Fort Belvoir, Va., June 30. Huntley, a member of the Senior Executive Service and a career supply specialist, comes to DESC from sister inventory control point Defense Supply Center Richmond, Va., where he served as deputy commander since 2007. He brings with him more than 35-years experience in military supply and more than a decade of service in the Defense Logistics Agency.

Both DLA Director, Army Lt. Gen. Robert Dail, and the command chaplain, Army Col. Daniel Paul, called Huntley passionate.

"He has a passion for taking care of his people and a passion for taking care of the warfighter," said Paul in describing a man he has worked with for many years.

"Kim is passionate about customer service," Dail reiterated. He shared a story from his early days as DLA director about travelling with Huntley who was then leading DLA's customer support office. "His mind was a virtual Rolodex of customers," Dail said, as he remembered Huntley's uncanny ability to name the appropriate point of contact from memory for every customer issue as it arose.

"In terms of sales, DESC is the largest business unit in DLA," said Dail. "DESC's mission is a vital, critical part of the Agency's mission... in Afghanistan and Iraq, of course, but more and more in the Pacific as well."

"I can't think of anyone more prepared for this job than Kim. He is a seasoned senior executive with a breadth of experience in warfighting and supply center operations," said Dail.

DESC supplies defense organizations and other federal agencies with fuel and other energy products and services, as well as specialized chemicals to support

space missions. For fiscal 2008, DESC projects sales in excess of \$15 billion with more than \$14 billion of that coming from the petroleum supply chain.

Huntley, who described this assignment as a capstone in his career, pledged to the DESC team to "give my very best, and together we will accelerate the performance of DESC and continue to improve our support to the warfighter each day."

"I have no revolutionary doctrine to dazzle you with. The plan is simple – keep supporting the warfighter each and every day, look for opportunities to improve support wherever we can, and anticipate and position ourselves to meet future needs as well," Huntley said. He added that a big part of improving support of the warfighters' mission success will be Lean Six Sigma methodology to improve process flow, trim waste and add value to the customer.

Huntley's career began in 1972, when he left Iowa to enlist in the U.S. Navy. Four years later, having completed three western Pacific cruises aboard the USS Niagara Falls, including time in the Tonkin Gulf and Da Nang Depot, Republic of Vietnam, he left the Navy. His civil service career began shortly thereafter.

Huntley's first assignment was as an accounting technician with the Defense Subsistence Region Pacific, Alameda, Calif. His career steadily progressed; lead supply clerk, inventory management specialist, supply systems analyst, and accountable officer. In 1985, he transferred to the Defense Subsistence Region Europe as supply branch chief; in 1992, he was promoted to assistant chief, Supply Division; he was subsequently promoted to chief of the division.

Huntley joined the DLA team as director of logistics for DLA-Europe in 1995. In 1997, he became the deputy commander. Then, in 2001, Huntley moved to Headquarters DLA, Fort Belvoir, Va., as chief of the Director's Staff Group. Three years later, he transferred to DLA's J-4 Directorate to serve as the staff director of the Customer Support Office. There he was responsible for the J-4 military service teams, national and customer account managers, customer support

Photos by Thomas Wilkins

representatives, international programs, and Homeland Security/non-DoD Programs.

Before moving to Richmond, Huntley served as the executive director of Customer Operations and Readiness in DLA's J-3 Directorate. The J-31 mission was to engage customers around the world, maximizing readiness and logistics combat power by leveraging an enterprise solution through customer operations, performance monitoring and program support.

He joined the ranks of the Senior Executive Service in 2006.

As deputy commander of the DSCR, Huntley oversaw the Aviation Supply Chain Manager activities there. DSCR serves as the primary source of supply for nearly 1.2 million repair parts and operating supply items. DSCR has operations in Richmond, Columbus, Ohio; and Philadelphia. The core mission is to supply products with a direct application to aviation. The center also operates an industrial plant equipment repair facility in Mechanicsburg, Pa.

Huntley holds a Bachelor of Arts degree in Business Economics from Golden Gate University, San Francisco, and did graduate studies in economics at California State University, Hayward, Calif.

"His experience in three DLA supply centers, DLA Europe, and DLA Headquarters has provided him with a holistic view of DLA. I have complete confidence in Kim's ability to lead the DESC workforce in crafting solutions to meet the energy requirements of our DoD warfighters around the world," Dail said.

Huntley's wife Shirley and son Deke beamed from the front row at Huntley's obvious passion for the job.



Friends, family and well-wishers laugh during Kim J Huntley's first speech as the director of the Defense Energy Support Center.



Defense Logistics Agency Director Lt. Gen. Robert Dail passes the Defense Energy Support Center's colors to Kim J Huntley, signifying Huntley's assumption of responsibility for DESC.

"He has a passion for taking care of his people and a passion for taking care of the warfighter."



Defense Logistics Agency Director Lt. Gen. Robert Dail, Shirley Huntley, and her husband Kim J Huntley, director of the Defense Energy Support Center, wait in the reception line.

“I’m a believer in liaisons...a definite plus in helping the ESC manage a bulk fuel inventory that measures in the hundreds of millions of gallons over the course of our deployment. [The liaison] is a key player in ensuring that DESC is providing the best possible support to us so we can provide the best possible support to the warfighter.”
– U.S. Army Brig. Gen. Gregory Couch, 316th Expeditionary Sustainment Command commander

Improving fuel manage

Liaison takes enterprise to

**By Air Force Capt. Joseph Muhlberger
DESC Europe and Middle East**

The mission of the Defense Energy Support Center is simple: provide fuel to the Department of Defense. There are two parts to this mission: provide fuel in the right quantity and provide fuel in the right quality. Simple, right?

In June 2006, I arrived at my new assignment to establish the first DESC Europe, or DESC-EU, liaison position with the United States Air Forces in Europe A4/7 staff at Ramstein Air Base, Germany. My previous assignment did not allow deployments. So, I took the job knowing it would come with a deployment.

I prepared for a deployment to the Middle East.

Iraq is divided into three geographic regions: south, west, and north. DESC Middle East, or DESC-ME, provides fuel from Kuwait and Jordan to locations in the south and west respectively. DESC-EU provides fuel from Turkey to locations in northern Iraq. Some basic research regarding this, and I was ready to go. Or was I?

From October 2007 until June, I have established the first liaison officer position with the U.S. Army’s 316th Expeditionary Sustainment Command. The command is located in the heart of Iraq at Logistical Support Area Anaconda, also known as Balad Air Base, and is responsible for, among other things, providing soldiers here with fuel. Responsibilities for fuel are shared by two parts of the unit.

A staff of Army personnel assigned to the Fusion Cell takes care of receiving fuel requirements from three fielded, lower-level echelon Sustainment Brigades and turns the requirements over to the Kuwait-based U.S. Central Command Joint Petroleum Office-appointed Sub-Area Petroleum Officer; the CENTCOM JPO, DESC-EU, and DESC-ME for filling.

A combined staff of U.S. Army and U.S. Air Force personnel assigned to the 316th ESC Petroleum, Oil, and Lubricant Detachment handles compliance and safety oversight for fuel storage locations, known as fuel bag farms, across Iraq.

I sat with the 316th ESC POL Det and from there worked with them and the Fusion Cell team. Together we handled a number of issues.

“Having a DESC LNO at the LSA helps better leverage requirements of the supported service component,” said Army Col. Mark Olinger, DESC-ME commander. “Additionally, it helps us know when there’ll be changes in operational fuel requirements and allows us to forecast the need to shift the adjustment of fuel orders from one GLOC [ground line of communication] to another. Finally, it allows us to keep the major fuel storage hubs topped off.”

The 316th ESC arrived in July 2007. When I arrived in October, the Fusion Cell team was still struggling with reading and understanding detailed portions of the many reports they received each day. As their questions arose, I was able to provide interpretations. These became small victories.

“The DESC LNO position was a definite ‘value add’ for the Sustainment Command,” said Army Col. Vincent Oppenheim, the 316th ESC assistant chief of staff for Support Operations. “We were able to work a myriad of issues including capitalization, fuel ordering and permanent facility construction back through DESC and other DoD level organizations much more smoothly and efficiently with Captain Muhlberger here. He also was instrumental in ensuring that we understood DESC constraints and challenges in providing the fuel support we required. He was the critical ‘direct link’ that we needed to ensure the best possible Class III bulk support into this active combat zone.”

Gaining control over how much fuel to request in order to fill requirements became a more demanding challenge to overcome. Fusion Cell team members needed an understanding of consumption factors and stockage objectives. David Ray, the DESC

ment in Iraq

customer's door

Photos by Pfc. Darrel Haller

liaison officer to the CENTCOM JPO, provided me with definitions and slides that helped inform the Fusion Cell team. Also, I needed to find out how much fuel could be requested off of each DESC contract. The DESC-ME-Kuwait commander provided me the minimum and maximum ordering quantities for fuel coming from Kuwait and Jordan. Air Force Maj. Phillip Noltemeyer of DESC-EU provided me the same information for fuel coming from Turkey. Great teamwork placed this key information into the hands of the Fusion Cell fuels staff. This allowed them to forecast fuel requirements better.

However, operations can bring surprises.

On Jan. 11, Iraq experienced the first snowfall in Iraq's recorded history. Two days later an alarming increase in fuel consumption was noticed at one fuel storage location. Three teams traveled there to investigate the problem. All three determined the fuel loss was due to foggy weather preventing trucks from arriving at the location over a three-day period and a lack of rocks to reinforce the muddy roads within the fuel site; these may have been part of the problem but not the entire problem. My thoughts turned toward the fuel issues and who was drawing more fuel from the site. An analysis followed and showed an increase in construction; still, not enough for the quantities being drawn.

Working with the Fusion Cell fuel staff, we determined it necessary to move fuel from one fuel site to the one losing so much, so quickly. In the mean time, I spent the next week tracking down the unexplained fuel loss. I worked with the Fusion Cell staff that kept track of munitions. Their consumption data matched the fuel consumption data, somewhere a lot of fuel and ammunition was being used. Putting our heads together my next stop would be to the

Continued on page 10.



Above: Before Capitalization, Sgt. 1st Class Kerrick Loyd, the location responsible officer, points out the area in the fuel bag farm where a mortar landed months earlier. From left to right are Mike Crutcher, the DESC Middle East - Kuwait inventory manager; Capt. Joseph Muhlberger, DESC Middle East liaison to the 316th Expeditionary Sustainment Command; and Cmdr. James Harris, the DESC-ME Capitalization Team leader.

Below: After Capitalization, from left to right, standing, are Col. Gary Miller, 316th ESC Petroleum, Oil and Lubricants Detachment commander; 1st Lt. Jorge Avila, POL Det operations officer; Senior Airman Jeffery Batista, POL Det fuel specialist; Crutcher; Master Sgt. Holland England, POL Det fuels manager; Warrant Officer Kelsey McCorkle, 3rd Supply Battalion fuels staff officer. Kneeling are Mike Humphrey, Kellogg, Brown and Root regional fuel manager; Harris; Loyd; and Carvin Clements, location KBR fuel distribution systems supervisor. The site came under attack 10 minutes after the group departed the area.



Cont'd from page 9

Liaison at customer's door

local intelligence staff. BINGO!

The information has been declassified and is worth sharing. On Jan. 11, an Army lieutenant led his platoon into an area they were investigating as possibly being used by Al Qaeda. It turned out they were being set up for an ambush. This unplanned event turned into Operation FULTON, one of the largest offensives since the war began. Fuel continued to be redistributed to support our warriors through FULTON and through to the end of a larger campaign. Now, there's a victory!

The 316th ESC POL Det has a headquarters staff of two to three personnel assigned to LSA Anaconda. Additionally, they have two people dedicated to conduct compliance inspections and assistance visits in each geographic region. Their headquarters staff also interfaces with the Multi-National Forces-Iraq and Multi-National Corps-Iraq staffs, and the 316th ESC Support Operations and schedules inspections of fuel sites for each two-person team.

In April 2007, the MNF-I director of logistics sent a letter to DESC headquarters requesting the capitalization of fuel at eleven fuel sites at eight locations. In early November, this came to my attention in rapid succession from a number of sources. A DESC contractor previously capitalized some locations in Iraq; research revealed someone would need to come up with a different plan.

Capitalization of fuel means DESC owns the fuel at storage locations. Protocol spells out the management and maintenance of such locations. Fuel at capitalized locations is paid for by a customer once it is issued to an end user. It's like going to the gas station to fill up your car. The fuel belongs to the gas station until you fill your car. After you fill your car, you pay for the gas. At a capitalized site, the fuel belongs to DESC until a soldier, sailor, airman, Marine, or authorized civilian fills the vehicle. Once the vehicle is filled, the military service compo-

nent or approved civilian organization pays for the fuel.

Also, under capitalization, an automated system called Business Systems Modernization-Energy tracks fuel transactions. The Army wanted their storage locations capitalized to standardize fuel management and better account for fuel and fuel transactions; their own process is manual, and it was overburdened.

The DESC capitalization assessment plan, directed by Olinger, was to have a DESC-ME team led by his executive officer, Navy Cmdr. James Harris. The team would include a quality assurance representative, an inventory manager, me as the DESC liaison to the 316th ESC, and the 316th ESC POL Det. Michael Crutcher, of DESC-ME-Kuwait, was our QAR, and Charles Hunter, of DESC-ME, was our inventory manager.

In January, new members of the POL Det deployed in to Iraq to replace members returning home. Timing was perfect. The new POL Det was now under the command of Maj. Francisco Hornsby. He and his team members were eager to tackle their new responsibilities and not a lick of continuity was lost in the change of personnel. We had a deadline to have all eleven locations capitalized by April 1. From Jan. 29 to Feb. 28, we were on the road. On March 17, we briefed findings to the MNF-I director of logistics. Areas that fuel sites needed to correct before being capitalized, or capitalization gaps, were called Cap Gaps. Finally, we wrote the capitalization report that would ultimately be delivered by the DLA director.

MNF-I and MNC-I staff officers tracked the progress of Cap Gaps. Every other week teleconferences and video teleconferences were held. A communications delay took place and contracts between the U.S. Army and their contracted employee Kellogg, Brown, and Root could not be updated by April 1. Capitalization was pushed to June 1. However, side issues surfaced during the site visits.

Working with the Army Petroleum Center, I was able to bring to their attention multi-million dollar construction projects for fuel storage tanks that fell short of basic design criteria. Further, I was able to bring to their attention the need to

Growing the next generation

"I am concerned about whether or not the Services will have the next generation of joint fuels experts."

-- Brig. Gen. Kenneth S. Dowd, USA

**By Mark Brewer and Bill Gibson
DESC Executive Agent Office**

The Defense Energy Support Center has fielded a new training module for joint petroleum officers.

Fuel support is a critical logistics enabler and an absolute necessity in all military operations and its proper management is vital to the Department of Defense's overall mission success. However, there is a lingering concern that the petroleum community is not developing the next generation of fuels experts with the training and experience necessary for success in senior joint fuels positions. Given the tremendous petroleum challenges facing our forces fighting the Global War on Terrorism today, the lack of joint qualified petroleum expertise is a situation that must be addressed effectively.

In August 2004, the Defense Logistics Agency was designated as the

standardize ordering life-cycle components for fuel storage sites. Placing these important issues before the right organization was another plus for going to Iraq.

Another benefit of the joint DESC-ME and 316th ESC Capitalization Team was focusing fuel storage site managers and employees on DESC-I-29, which provides guidance unique to Iraq. Each site has a military or civilian Responsible Officer who has management and oversight responsibilities, and most sites have KBR employees handling day-to-day activities. Sites without KBR employees are manned by Army soldiers.

“From Fiscal 2007 to Fiscal 2008, sites have nearly doubled the number of times they were within standards,” said Hornsby. “A lot of it has to do with the emphasis that was constantly stressed on accountability of fuel both during and after the joint team’s visits. Initiatives taken by the SBs, ROs, and KBR employees have ensured fuel sites stay in tolerance. Having a DESC representative expedited the resolution of any issues we dealt with regarding fuel operations, quality, and inventory management.”

Basic research helped but was not enough to set up this position successfully. Establishing a presence with our DESC customer the U.S. Army was just a start. I turned into sales person, coach, teacher, silent observer, active participant, sounding board, dartboard, punching bag, listener, counselor, mentor, mentee, negotiator, researcher, statistician, reader, translator, and a number of other things, possibly many of them at the same time. In the end, what I found was DESC needs representatives who will go out to the field, make contact with customers, listen to what they have to say, and help them. After all, DESC has one simple mission: provide fuel. A number of actions take place in order to execute that mission. It was a great deployment!

Patrick Dulin, then-acting director of DESC, summed it up. “Our mission at DESC is integral to the success of our brave warfighters. The experts here at DESC, home and abroad, handle the daunting task of supporting our troops with great skill and complete professionalism. We will continue to extend

Executive Agent for Supply Class III, Bulk Petroleum. The director of DLA subsequently delegated this responsibility to the Defense Energy Support Center for execution. One of the Executive Agent’s responsibilities is to “coordinate with the DoD [military service] Components to expand joint bulk petroleum training capabilities for DoD and civilian personnel, using common terminology, industry and DoD best practices, and a common curriculum for interoperability.”

Recognizing that there was a need for joint petroleum expertise, DESC developed the Joint Petroleum Training Module at the request of the Joint Staff. The Joint Petroleum Training Module is a Web-based, self-paced educational program for joint logistics staff officers who are responsible for managing joint theater-level petroleum logistics operations.

The JPTM is designed to enhance a staff officer’s ability to maintain product status, prepare and present routine reports, provide input to mission analysis, develop logistics estimates, and identify and resolve issues and problems. The primary users of the JPTM will be petroleum staff officers currently assigned

Monthly inventory indicators before and after capitalization

This summary shows the percentages for the number of times monthly inventory tolerances were within standards. Marked improvement is clear since the joint team visits.

Fiscal 2007 38.10%

Fiscal 2008 (as of Apr 30) 66.67%

Since 316th ESC oversight (August 2007- present) 60.43%

Since the joint DESC-ME/316th ESC Capitalization Team visits (January-present) 83.33%

our enterprise and send our liaison officers into harm’s way to work alongside the warfighter in Iraq for as long as needed in order to guarantee success and help manage the millions of gallons of fuel needed every day.”

or being assigned to a combatant command or a joint task force staff. The JPTM will also benefit petroleum management personnel assigned to a military service component logistics staff or anyone interested in further developing his or her petroleum logistics knowledge base.

In addition to discussing Bulk Petroleum policy and doctrine, the JPTM provides a module on the Joint Petroleum Offices in each of the combatant commands and their areas of responsibility. The JPTM concludes with a comprehensive review of the service-unique refueling equipment, complete with pictures, graphics, and a fairly-comprehensive description of the equipments’ capabilities.

This training module fulfills a critical need in the petroleum community. An educated and informed petroleum staff member is in a much better position to support the warfighter. For more information, contact Mark Brewer, DESC-X, at (703) 767-5040 or Mark.Brewer@dla.mil.

<http://www.desc.dla.mil/DCM/Files/DescTraining/JointPetroleumTrainingModule/player.html>

Energy professionals surge to 2008 conference

By Susan Declercq Brown
DESC Public Affairs

The Defense Energy Support Center hosted its largest-ever Worldwide Energy Conference and Trade Show in Crystal City, Va., April 14-16.

Nearly 1,800 energy professionals registered at this year's conference. And, 110 vendors displayed their products and services in the tradeshow venue.

"There were so many vendors this year, we spilled out into the lobby area," said Susan Turner, chief of DESC's Customer Support Division and co-chair on the conference planning and support team.

"DESC's objective is to focus on a wide range of topics to include energy integrity, innovative energy solutions, DoD

energy strategies, renewable energy, environmental issues and more," said then-DESC Acting Director Patrick Dulin.

The conference offered nearly 40 workshops, a day-long symposium on Doing Business with DESC in which participants met the people responsible for each of DESC's energy programs and learned what was ahead for each of the programs, and a Small Business Networking session.

The conference kicked off on April 14 as participants registered and the military services each held day-long sessions for their fuel and energy specialists. Doing Business with DESC continued throughout the day and was followed by a presentation on DoD's newest unified command, the U.S. Africa Command.

The opening ceremony and trade show ribbon cutting took place that evening, and the trade show was open for several hours. The next day, vendors welcomed visitors to their booths from 8 a.m. to 6 p.m. with a brief break for the plenary session in the morning.

The plenary session featured three keynote speakers: R. James Woolsey of VenturePoint Venture Partners, Brigadier Ian Abbott, director of the Defence Fuels Group, and Dr. Anthony Kitson-Smith of ExxonMobil Aviation.

Woolsey, a former director of the Central Intelligence Agency and U.S. ambassador, and counsel and advisor to several energy



Director of the Defence Fuels Group Brigadier Ian Abbott discusses shared challenges as a keynote speaker at the Defense Energy Support Center's 2008 Worldwide Energy Conference and Trade Show April 15.

(Photos by Lawrence "Robbie" Robinson)



Defense Energy Support Center then-Acting Director Patrick Dulin thanks VenturePoint Venture Partner R. James Woolsey for speaking about the nexus between Tree Huggers' and Pattons' energy objectives at the Defense Energy Support Center's 2008 Worldwide Energy Conference and Trade Show April 15.

and security organizations, spoke about the surprising overlap of energy-related actions desired by two segments of society often thought of as divergent. Using dramatic license, he referred to the two groups as the “tree huggers” and the “Pattons,” or those who seek environmental goals and those who seek national security goals.

“This could be the start of a beautiful friendship,” he said.

Woolsey outlined several actions that would serve both groups well. He also recommended the nation seek technological advances that make it affordable for consumers to consume less energy and depend less on foreign oil and vulnerable electrical grids.

Woolsey also invited the audience to examine the algae-based-biofuel-driven SUV he had driven to the conference that morning.

Director of the British counterpart to DESC, Abbott was described by Dulin as a key player in the energy supply chain and the information communication technology sectors. Through his posts in the U.K. Cabinet Office and the European Union, Abbott has developed a strong knowledge of global threats, intelligence, crisis management and contingency planning; he was responsible for developing national and international policies and capabilities to cope with catastrophic events.

Abbott outlined many of his organization’s challenges, particularly dealing with aging infrastructure including much of the 2,500 miles of pipeline and 160 storage tanks which is World War II or Cold War vintage. He also addressed environmental challenges including up-armored vehicles that are 10-12 percent less fuel efficient, and the U.K.’s interest in reducing the carbon footprint and certifying synthetic fuels.

Abbott said U.K. refineries are mandated to include a certain percentage of Fatty Acid Methyl Ester biofuel in all fuels sold beginning in 2010. However, military specifications currently prevent the use of such fuels, he explained.

Kitson-Smith, who is the Global Technical manager for the aviation branch of ExxonMobil, is responsible for technical service agreements, research and development and all aspects of fuel quality, filtration and key equipment specifications. He had just completed the London Marathon the day before his presentation.

Kitson-Smith reviewed the growth in global petroleum usage, particularly in developing countries and the near doubling of diesel requirements for commercial transportation. He said technology is the secret to taming energy demand through increased efficiency and increasing supply by reaching new reserves and developing alternative and bio fuels. Kitson-Smith also lamented the cost and vulnerable supply chains caused by having to transport fuel farther now.

“Wind, solar and bios show the greatest potential for growth,” he said. “But, in 20 years they’ll produce only 2 percent of the current demand for energy. You need to pump it up now if you think it’ll ‘save the world,’” he said.

And, of course, there was the trade show. Open from Monday evening to Wednesday at 2 p.m., the exhibitor’s hall was full of vendors and suppliers offering consulting services, transportation, specialized equipment, fuel, electricity and chemicals, testing supplies, protective gear, spill recovery services, and

more.

“These vendors and distributors do a great bit of work with the government in the fuel and energy business. It’s a great opportunity for these people to come in, show the business applications that they have and show what they can do for our suppliers and customers,” said Mark Iden, DESC’s deputy director of operations.

The Defense Department exhibitors included DESC, the Naval Operations and Logistics Support Center-Petroleum, the Army Petroleum Center, the Air Force Petroleum Agency, the Defense Logistics Agency, the Defense Supply Center Philadelphia, the Naval Facilities Engineering Service Center, and the Space and Naval Warfare Systems Center.

“This event is important to us because we do a lot of business over e-mail, over the telephone, and it gives us the opportunity to have those face-to-face discussions with the corporate business partners that we deal with – to see new entries into the market, new products that are out there – and a means to improve our way of doing business in providing fuel to the warfighter,” explained Army Col. Jay Meyer, DESC director of operations.



Dr. Anthony Kitson-Smith, global technical manager for the aviation branch of ExxonMobil, provides an industry update as a keynote speaker at the Defense Energy Support Center’s 2008 Worldwide Energy Conference and Trade Show April 15.

Global distribution network extends the enterprise

By Michael Broderick
DESC Energy Convergence Office

The Defense Energy Support Center extends the enterprise to better serve the warfighter through an extensive global distribution network.

DESC completed fiscal 2007 with sales in excess of \$13 billion and an end-of-year inventory of approximately 2.45 billion gallons of fuel valued at \$5.25 billion at the Department of Defense's standard price. For fiscal 2008, DESC is projecting sales in excess of \$15 billion with more than \$14 billion of that coming from the petroleum supply chain.

Unlike other profit centers in the Defense Logistics Agency, where most of the sales are customer-direct [the vendor delivers directly to the customer], most of DESC's petroleum sales are directly from DESC-owned inventory or DLA-direct [meaning the inventory goes from the place DESC purchases it to the place where the customer purchases it from DESC.]

DESC's global distribution network

In addition to DESC, DLA has three other product-based lead centers: Defense Supply Centers Columbus, Richmond, and Philadelphia. These four centers are designated by DLA as inventory control points.

DLA also has two service-based lead centers: the Defense Distribution Center and the Defense Reutilization and Marketing Service. In fact, to assist DSCC, DSCR, and DSCP in managing their fiscal 2007 annual sales, DDC managed a network of 26 distribution depots around the world that are responsible for shipping and selling various products to



Airman 1st Class Charles Gann, a Ramstein Air Base, Germany, fuels specialist, uses a pantograph to refuel a B-1 Lancer. Defense Fuel Support Points, like the one on Ramstein, enable local and transitory customers to pay for the fuel only when they use it. (U.S. Air Force photo by A1C Marc I. Lane)

military service logistics systems for further DoD management.

DESC, on the other hand, manages its own \$15-billion inventory, controls that inventory by turning it over at least twice annually, and manages and oversees its own extensive global distribution network of more than 650 worldwide distribution points. Each of these distribution points is in fact a fuels warehouse otherwise known as a Defense Fuel Support Point.

This DESC-managed global distribution network is in reality the DoD fuels distribution network because the overwhelming majority of DoD fuel is owned and managed by DESC. There is no military service-owned fuel to speak of, and the Services do not have a separate logistics system to manage fuel – only the BSM-E system that DESC provides.

Extending the enterprise at every military installation

DESC has led DLA's "Extend the Enterprise" strategic thrust. Beginning in fiscal 2001, the center has evolved from a wholesale existence of processing inventory through another military service warehousing operation to a fully integrated wholesale and retail global distribution network with sales made directly to Operations and Maintenance accounts. The fuel divisions of Military Service Working Capital Funds were terminated years ago.

DESC purchases fuel from various world-wide suppliers and then moves the fuel through its global DFSP distribution network for direct sale to the ultimate consumer – the aircraft, the tank, or the ship. These DFSPs exist on every major and minor military installation in the world and in numerous commercial locations as well. They create a robust supply chain, able to provide fuel to our customers in the same fashion your local airport or gas station does for you.

This extended retail model significantly aids planning. There is no "hidden/not visible" service-owned inventory, and, for the overwhelming majority of cases, the point of sale is also the point of consumption.

Each of these DFSPs services O&M customers assigned to and transiting the facility upon which they are located. Therefore, the O&M fuel bill at the end of the month for each specific customer represents all worldwide purchase locations. One bill, seamless and comprehensive.

This extensive global distribution network enables DESC to provide outstanding support to all customers. These are primarily DoD activities, but also other federal and state agencies, commercial entities, and foreign governments.

Direct sales from DFSP distribution points

In fiscal 2007, DESC processed more than 12 million direct sale transactions using the BSM-Energy system, and direct sales were made at more than 600 DFSPs world-wide. To move product through the DESC global distribution network of DFSPs, more than 100,000 shipments and receipts were processed. In terms of fiscal 2007 sales volume, the top three DFSPs were all in the Middle East area of responsibility. Leading the pack: DFSP Al Udeid (\$671.7M), DFSP Al Asad (\$372.8M), and DFSP Cedar II (\$376.3M.) The next three were all Air Force bases; DFSP Al Dafra Air Base, United Arab Republic (\$345.5M); DFSP Ramstein Air Base, Germany (\$233.9M); and DFSP McGuire Air Force Base, N.J. (\$229.3M). Of note for the third straight year were the sales made by “floating” DFSPs such as the USS Abraham Lincoln (CVN-72) (\$6.35M). It is also interesting to note that while DLA added the second Supply Class IX depot at Robins Air Force Base, Ga., the aviation supply chain detachment joining the DDC depot DDWG, the DFSP at Robins AFB had fiscal 2007 Class III sales in excess of \$24 million.

It takes a great deal of oversight and control to ensure that DESC’s global distribution network meets its global mission. DESC not only manages the planning and movement of its worldwide inventory, but it is also fully responsible for the management of all the quality aspects of the petroleum products.

DESC management and oversight of DFSPs

Unlike other DLA lead centers, DESC does not share any quality responsibilities with the Defense Contract Management Agency. The center has direct management oversight responsibility for all DoD DFSPs. DESC conducts that oversight with the tremendous assistance of each of the military services. This



The Defense Fuel Support Point at Craney Island, Va.

responsibility extends to DFSPs operated by the various service components as well as to DESC’s contract-managed DFSPs. DESC has the complete responsibility to ensure each DFSP has the tools it needs to fully meet its mission and role in the supply chain.

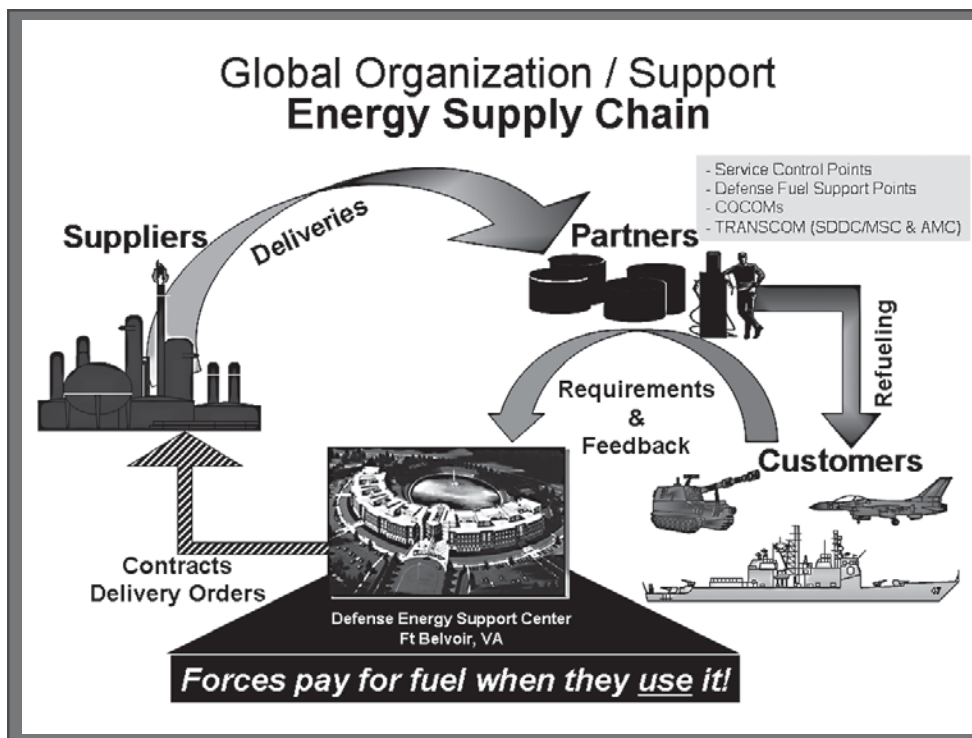
DESC oversees two primary requirements that are critical to the proper management of each DFSP: the sustainment, restoration, and modernization program; and information technology tools and equipment.

The SRM program’s goal is to ensure that DFSPs receive the facility support required to execute properly the DoD fuel mission at a 100 percent mission capable status. In addition, DESC provides IT and automation tools to help operate DFSPs effectively and efficiently.

Key among these tools is the Fuels Manager Defense application, the IT heart of each DFSP operation. FMD provides operators at each location the ability to see every aspect of the DFSP operation – the inventory, personnel, facilities, equipment, and quality as well as a robust leak detection system to meet environmental responsibilities. FMD is a key component in accomplishing DESC’s \$15 billion retail sales petroleum “mission” and moving that sales information to the enterprise level for billing purposes.

Global network – global responsibilities

With the most robust supply chain and global distribution network in DLA, DESC’s DFSP network continues to expand to meet the needs of the warfighter as well as its responsibilities and mission to DoD. The DESC global



Continued on page 19.

Environmental program debuts

By Susan Declercq Brown
DESC Public Affairs

The Defense Energy Support Center's Environmental and Safety Management Division debuted an animated short video at this year's Worldwide Energy Conference April 14-16 in Crystal City, Va. The video features a skunk, Jack "JP" Polecat, who helps publicize the division's products and services while tickling the customer's funny bone in the process.

The innovative video was the brainchild of Bill Middleton, an environmental protection specialist, responsible for keeping the Environmental Guide for Fuel Terminals, available in bound copy and on CD, and associated brochures up to date.

The 2008 version of the guide was organized and written to be accessible to anyone who needs to know about environmental issues, rules and procedures associated with fuel terminal operations. It also lays out the various products and services available through DESC's environmental office. Middleton said the guide is quickly becoming a benchmark within the fuels community; he's already received requests from two businesses to adapt the guide for their own use.

In the past, DESC has used a tri-fold brochure to promote the guide and CDs. But, this year Middleton decided to scrap the brochure for an animated short film. He says his inspiration came from the animated commercials featured during this year's Super Bowl coverage.

"I figured why not benefit from the experts who really know

how to get and keep someone's attention," he explained. "I wanted to get the information out in a different format, one the POL [Petroleum, Oil and Lubricants] folks would watch, keep and reuse. An animated video seemed to fit the bill."

The 10-minute DVD was produced by the same company that produced the printed guide and CDs, CH2MHill, said Middleton. Just a month after presenting the concept to the contractor, Middleton had a DVD in hand for use at the 2008 WWEC.

"I knew the Air Force POL community had a tradition involving an unofficial mascot — the POL Cat, so we decided on a skunk or 'polecat.' I based JP's voice on that of Jack Lavin, the deputy at the Air Force Petroleum Agency, because he's so well known in the community. My son [Chad Middleton] is a pretty good artist, and he has a degree in film studies; I asked him to draw a skunk, a squirrel, and a hedgehog as the film characters," he said. [The squirrel ended up on the cutting room floor.] Then award-winning animator, Jim Dombrowski, used the concept characters to create three-dimensional characters for the video."

"The animator and I just really synched," said Middleton. "He saw the concepts and read the script and really took off from there. I think he was thrilled to be able to work on such a fun project because usually he gets to just do animations of

Skunk smells sweet success in

By Susan Declercq Brown
DESC Public Affairs

Jack "JP" Polecat, star of the Defense Energy Support Center's new hit animated short "JP's Rules for Fuels," is one of the hottest commodities in film these days. The POL community's most famous "one-striper" took a few minutes out between masseuse and personal trainer appointments to talk with the Fuel Line about his experiences on the set.

Fuel Line: *How did you come to be the spokes skunk for DESC's environmental safety program?*

JP: *Well, I've worked in the past as a stunt double for the Air Force's P.O.L. Cat, so I guess this part was just a natural for me. So, I got this call from my agent. I didn't even have to read for the part — well of course, I don't read, but you know what I mean.*

FL: *So, what was it like getting that call to let you know you had the part?*

JP: *Well, it was a sweet gig and I was glad to get the extra cash. My agent promised me a lot of 'cabbage' for this one. I did a lot of preparation, especially for the stunts, and then I found out they were paying me in real cabbage. Do you know any agents? I'm thinking about ..., oh never mind, you don't need to print that do you?*

FL: *Are you personally committed to the cause of environmental safety?*

JP: *Well, you know, I'd certainly like to have a safe crib. But, I do love the smell of jet fuel in the morning.*

FL: *What's with the Karate Kid thing?*

JP: *Well, it was the animator's choice really. He found out I was into martial arts and he just decided it would be part of the role. The pose I was doing is called the Crane. One of my drinking buddies is a crane — not the kind that lifts stuff, but actually a crane.*

animated video

bridges and other serious subjects.”

Middleton said CH2MHill shot some video of fuels infrastructure at the Defense Fuel Support Point Tampa for use in the video. But, he added that much of what looks like film footage in the video is actually very realistic animation.

How were they able to get a final project so fast? Middleton says the video “just came together.” The environmental specialist was the scriptwriter and the “audio talent,” as well as the project manager. He has worked as a DJ in the past and starred in his senior play in high school, but this was his first voice-over experience. Middleton estimates it took him just one hour to write the script and another two hours to do the voiceover for JP. “Then the animator synched my voice with the visual and worked his magic,” Middleton said. Dombrowski also concurred that blooper “outtakes” at the end of the DVD would be a nice touch; they collaborated on three bloopers which have been real hits with the audience.

“Ninety-nine percent of the feedback has been really positive,” said Middleton. “I watched people



at the Worldwide [Energy Conference] virtually mouth-breathing [agape] as they watched. That’s got to mean they are listening and taking it in.”

“I’ve got a stack of business cards this thick already,” said Middleton, holding his thumb and forefinger about three inches apart. “They’re all asking for copies of the DVD.”

The Environmental and Safety Management Division is also thinking green. The guide is printed on recycled paper and the binder is made from recycled plastic; the CDs and DVDs are cased in recycled cardboard sleeves.

For more information, or to request a guide, CD or DVD, e-mail William.Middleton@dla.mil.

Bill Middleton and JP (Photo by Lawrence “Robbie” Robinson)

videos

FL: I understand you were up for the Kung Fu Panda role in that new movie but lost out to Jack Black. How are you dealing with that?

JP: That guy is talented, but what a load. I mean he’s talented, but he’s not even fit. Did you notice he just sits on people? That part should have been mine. Well, I guess I’ll just keep paying my SAG dues and see what comes my way.

FL: Access Hollywood said the word on the street is you’ve been dating your co-star since the filming wrapped. Care to comment?

JP: False – he’s not my type. Besides you never want to hug anybody who has quills on his back. I don’t know how these rumors get started.

FL: What’s the last book you read?

JP: “The Skunk Code” by D.R. Smith – it’s British, and one of

my favorites. I have it on audio.

FL: What music would we find on your iPod?

JP: It’s a toss up. I listen to a lot of classics – “Love Stinks” by the J. Geils Band, “That Smell” by Lynyrd Skynyrd. And, then there’s my serious side — a sad and maudlin piece by Loudon Wainwright III; “Dead Skunk in the Middle of the Road.” Man, that one really speaks to me. It’s just not a dignified way to go out. That’s why I remind my fans to watch out for us on the highways.

FL: I understand you’ll soon be promoting your own fragrance line. What’s it called?

JP: Well, I’m very involved in the formulary. Scent is kinda my thing. It’ll be called Fresh and Wild – only available in spray. It’s a surprising scent, real uplifting and long lasting. Look for it to come out for the Christmas market.

Stewardship: Job One for DESC

By Michael Broderick
DESC Energy Convergence Office

As the largest single revenue producer in the Defense Logistics Agency, the Defense Energy Support Center takes stewardship very seriously.

DESC completed fiscal 2007 with sales in excess of \$13 billion and end-of-year inventory of approximately 2.45 billion gallons of fuel valued at \$5.25B at the Department of Defense standard price. For fiscal 2008, DESC is projecting sales in excess of \$15 billion with over \$14 billion of that coming from the petroleum supply chain.

Unlike other profit centers in DLA where most of the sales are customer-direct (i.e., the vendor delivers products directly to the customer), most of the DESC's petroleum sales are directly from DESC-owned inventory, or "DLA direct" - inventory which goes from the place where it's purchased by DESC to the place where the customer purchases it from DESC using DESC's global distribution network.

Petroleum now represents more than 45 percent of DLA's total revenue. More than 7.3 billion gallons of fuel moved through that network, resulting in more than 5.5 billion gallons of petroleum sold to customers at locations around the globe. This inventory carries significant implications for the stewardship responsibility DoD and DLA vest in DESC.

DESC manages its own inventory. Unlike other DLA inventory control points, DESC does not involve the Defense Distribution Center in the process. DESC controls that inventory by turning it over at least twice annually, and manages and oversees its own extensive global distribution network of

more than 650 worldwide distribution points. Each of these distribution points is, in essence, a fuels warehouse known as a Defense Fuel Support Point.

This DESC-managed global distribution network is truly the Defense Department's fuels distribution network because the overwhelming majority of DoD-owned fuel is actually owned and managed by DESC. That is to say, there is very little military service-owned fuel. Usually the services only own fuel at forward-operating sites in war zones. And, the military services do not have any separate logistics systems to manage fuel.

The Defense Energy Support Center has led DLA's "Extend the Enterprise" strategic thrust. In fact, in fiscal 2001, DESC began to move from a wholesale business model of inventory management, with sales to Service Working Capital Funds, to a fully-integrated wholesale and retail global distribution network with sales made directly to Operations and Maintenance accounts. The last fuel divisions of Service Working Capital Funds were terminated in fiscal 2005. At present, petroleum is the only cross-service commodity managed wholly within one Working Capital Fund.

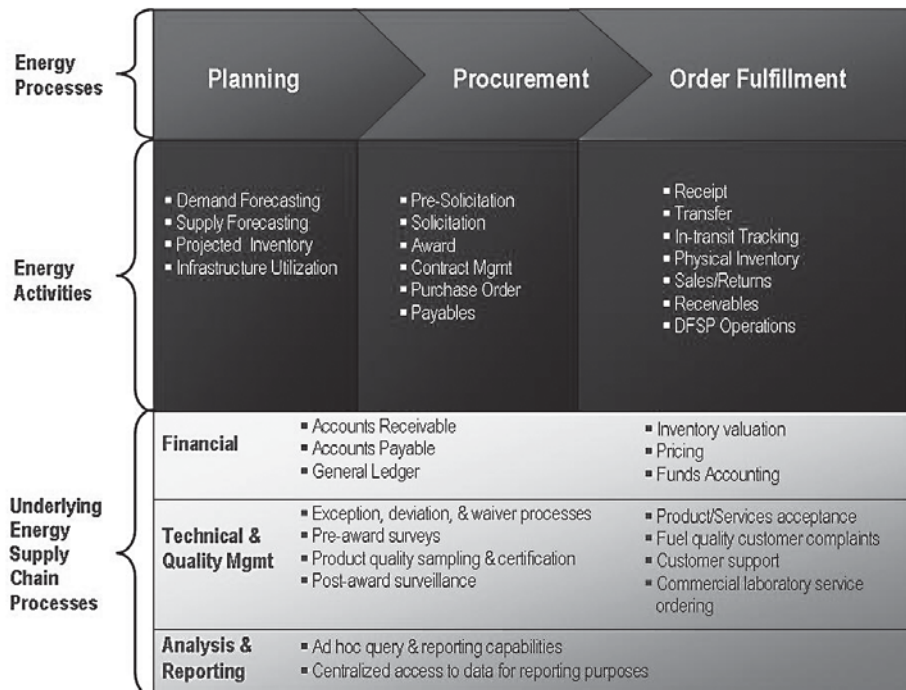
The first point of ownership

DESC must make sure that appropriate stewardship begins at the first point of ownership – either at the refinery or at the delivery to the first DFSP in the life cycle of a product's acquisition. When a source of supply makes the initial shipment to a DFSP, that DFSP must assure it puts into inventory only what it can certify it actually received. As materiel moves forward in the supply chain from DFSP to DFSP, it is critical that each element of the supply chain – DFSP or carrier – provides accurate records of what it shipped, received, or otherwise disposed of. In the case of a batch of military-specification fuel purchased from a refinery, transactions reflecting the activity of multiple carriers and storage points are often recorded before the product is finally sold to an actual customer.

The timeliness and accuracy of this information is critical to DESC's accomplishment of its stewardship mission. DESC must be able to state unambiguously that the inventory on hand at any one DFSP on any given day is completely accurate – or know why it isn't.

This process is affected by the actions of inventory managers and transportation specialists, but many other specialists are involved in the process. For example, DLA

DESC Stewardship



Enterprise Services must align its engineering projects and maintenance (automatic tank gauges, meters, etc.) with DESC's stewardship objectives; these infrastructure components in turn must support the system components managed by DLA Information Services with accurate data flow. Otherwise, the task of accurately indentifying what inventory exists and where within this broad distribution network becomes unmanageable. And, of course, all of this requires full communication with those military service members and contractors who actually manage DESC DFSPs on a daily basis.

The sale process

A second key part of overall DESC stewardship of the petroleum supply chain occurs during the sale process. Proper execution of this event is critical; it represents the revenue recovery mechanism for the Defense Working Capital Fund. That revenue recovery, or sales volume, is the basis for DESC's obligation authority during the following year. Thus, it's very important to make sure the DFSP personnel are properly accomplishing this task in addition to processing any shipments or receipts.

Source media like the AIR Card, coupled with a device in place to read the media on the flight line refueling truck at air force bases and naval air stations increase the efficiency and timeliness of this process dramatically.

However, many things can still go wrong: breakdown in the automated point of sale devices at the DFSP, a general local area network failure, or a failure in the Fuels Manager Defense application, the key component of Business Systems Modernization - Energy at DFSP level. Some of these factors may preclude DFSP personnel from being able to process transactions for a day or even longer, but these events don't alleviate DESC's stewardship responsibilities. So, immediate action to obtain the missing data is required, as is action to correct any deficiencies at the DFSP. Through this strict oversight of the sales process, DESC ensures revenue comes in to offset costs related to the purchase of the fuel and the transportation costs to the appropriate DFSP.

Environmental stewardship

A third key part of overall DESC stewardship also occurs at the DFSP level. As there are generally hundreds of thousands of gallons of fuel on hand at a typical DFSP, it is imperative that proper oversight is maintained from an environmental perspective. The larger fuel tanks have an automated tank gauge that sends information as frequently as every two seconds to FMD. They also have the built-in leak detection functionality that is a critical component of FMD. This capability allows the DFSP personnel to automatically gauge the volume in their tanks and report each grade and volume of product at the site to DESC on a daily basis.

DESC personnel can use existing information flow in BSM-E to detect immediately if no transactions have been received and take action to communicate with the DFSP to determine why. It may be a communication problem between the automatic tank gauge and FMD, the base LAN may be off-line, or it might be that the automatic tank gauge itself is broken. Whatever the issue, it is critical that DESC ensure leak detection systems are fully functional at the site. Undetected leaks, can become enormous, expensive clean-up projects when finally detected.

From a stewardship perspective, this is a multiple hit – environmental and financial. Lost fuel can't be sold and must be replaced; a tank has to be repaired, resulting in a loss in operational capability at the DFSP and the corresponding impact to the military installation. Years of work and possibly millions of DWCF dollars may be needed to clean up the leak and the resultant fuel spume. The incident leaves a tremendous black eye for public failure to oversee properly our business.

Effective stewardship of DLA's most robust supply chain and global distribution network is critical to the successful accomplishment of DoD's mission. We must provide diligent management of government-owned materiel, effective fiduciary responsibility with public funds, and corporate "good citizenship" in ensuring hazardous materials don't affect natural resources in the communities we operate in. As we move forward in improving the tools and information we put in place to accomplish our daily jobs, maintaining and improving our stewardship capabilities will remain Job One for DESC.

cont'd from page 15

Global distribution network extends enterprise

distribution network provides immediate, on-the-spot warfighter support and follows the financial stewardship requisites to the maximum extent possible with our current legacy system. BSM-Energy and the DLA Enterprise Business System will have to merge fully to meet DoD Chief Financial Officer and auditability stewardship requirements.

The DESC business model of working in partnership with the military services, foreign governments, and private contractors to operate our DFSPs has continued to serve the warfighter very well. And, it has maintained operating costs at a minimal level. The robust DESC Class III supply chain and global distribution network of more

than 650 DFSPs assures the warfighter that whenever he pulls into a DFSP, the fuel will be there – the first time and every time.



Texas unit shores up helium

By Charlene Smoot
Aerospace Energy CBU

Question:

What do wooden shoring kits, helium trailers, aerostat balloons, the Defense Energy Support Center and the 37th Logistics Readiness Squadron Production and Crating Section at Lackland Air Force Base have in common?

Answer:

They all support the protection of the warfighter in Iraq and Afghanistan – and they do it in concert.

The Aerospace Energy Commodity Business Unit of the Defense Energy Support Center provides gaseous helium in support of two U.S. Army high-altitude aerostat programs for Operation Iraqi Freedom and Operation Enduring Freedom: the Persistent Threat Detection System and the Rapid Aerostat

Initial Deployment. Both programs use large helium-filled aerostat balloons to elevate sensor packages that provide real time force protection and surveillance information to United States and coalition forces in Iraq and Afghanistan.

To get the helium to the warfighter, the CBU, known as DESC-M, refurbishes excess tube-bank trailers, fills them in its commercial continental United States fill plant, and then transports them by military airlift to either Baghdad International Airport or Bagram Air Base. The trailers are then moved by tractor to the RAID or PTDS customer location.

Once the tubes are empty, the customer returns them to either BIAP or Bagram AB, and then they are airlifted for refill at DESC-M's overseas fill plant. The plant, Global Gases, is located in Dubai, United Arab Emirates.

DESC's liaison officer to the Defense Logistics Agency Contingency Support Team Iraq, currently Army Sgt. 1st Class Robert Tate, arranges all transportation once the trailer is in the area of responsibility.

Transportation of multiple helium trailers into the area of responsibility is accomplished using either the C-17

Globemaster III or C-5 Galaxy aircraft. No prime mover, the tractor/power unit that hooks up to the trailer to pull it, is transported during this transfer. As a result, shoring the trailers is required.

The Air Transportability Test Loading Agency, the Department of Defense agency responsible for the approval of airlift cargo, requires certification of cargo if it exceeds a set weight, dimension, or requires special procedures for securing cargo in a military aircraft.

Because of the lack of a prime mover and the weight of the trailers, ATTLA developed and mandates specific lumber and plywood shoring requirements for movement of these trailers by military aircraft. Each tube-bank trailer shipped using military aircraft, requires a shoring kit that consists of a set of wood cut in specific dimensions to be used on the aircraft floor to prevent damage to the aircraft while in transit. The



Members of the Defense Energy Support Center's Aerospace Energy Commodity Business Unit with the shoring kits. Joseph Bresnok, transportation management specialist, and Andy Avila, chief of the materiel support branch, assist the 37th Logistics Readiness Squadron team at Lackland Air Force Base, Texas, by stencilling each shoring kit with 'Property of DLA/DESC.' (Courtesy photo)

mission

shoring is placed under the front, retracted landing gear, and rear bumper of each trailer.

These kits are a critical component in moving the maximum number of helium tube trailers per aircraft in accordance with Military Air Lift requirements. But, DESC experienced problems obtaining these wooden shoring kits. They requested the support of the 37th LRS Production Packaging and Crating Section at Lackland AFB, San Antonio. The Packing and Crating Section is composed of four civilians and five military members. The unit is responsible for providing logistics services to five U.S. Air Force wings and to more than 70 associate units on Lackland AFB-proper and in the surrounding area. The 37th LRS provided manpower and equipment to cut, segregate and palletize the lumber and plywood shoring kits. The teaming effort of the 37th LRS and DESC has resulted in no mission failures.

Without shoring, the trailers simply cannot be airlifted and the helium trailers would be forced to move exclusively by surface only. In fact, the initial concept of operations developed for this mission was to use surface transportation only. But that



method of transportation proved to be less reliable than airlift due to insurgent activities and the high urgency of product needs.

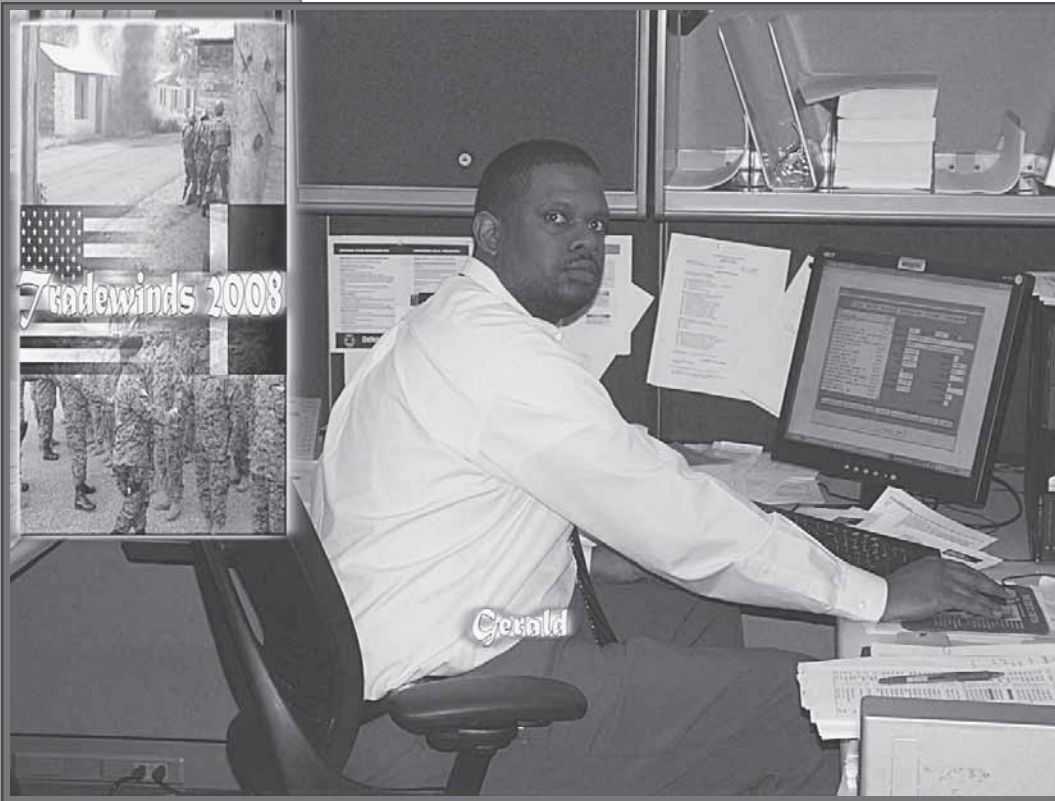
The 37th LRS commitment and dedicated efforts directly contribute to the quality, safety and security of U.S. and coalition forces, and to the success of the DESC bulk gaseous helium mission in Iraq and Afghanistan.



Robert Gloria, a transportation management specialist in the Defense Energy Support Center's Aerospace Energy Commodity Business Unit, watches as shoring kits are used to secure a bulk helium trailer aboard a U.S. Air Force C-17 at Lackland Air Force Base, Texas. (Courtesy photo)

DESC provides to Tradewinds

By Gerald Tinner
Direct Delivery Fuels CBU



Graphic by Tyler D. Parker

The Defense Energy Support Center's Direct Delivery Fuels Commodity Business Unit employed three key tactics to support Exercise Tradewinds 2008 in the Caribbean in late March and early April.

Three keys to providing the right product, at the right time, for the right price in support of the warfighter throughout the world are hiring talented acquisition professionals, working together as a team, and collaborating with the customer. With these three elements in mind, the CBU's Ground Fuels Division II DESC-PLB branch is passionate about stepping up to the challenge of providing fuel support for exercises under difficult situations.

The Tradewinds Exercise, celebrating its 23rd year, is a cooperative effort of the regional Security System Caribbean made up of militaries

from several Caribbean countries, the United States Army, the United States Marine Corps Forces South, and the United States Coast Guard. The Tradewinds Exercise was under the sponsorship of the U.S. Southern Command. The mission of the exercise was to enhance the Dominican Republic Army with the ability to conduct offensive counter narcotics operations.

DESC-PLB used these three keys to successfully provide fuel support to the Tradewinds Exercise in the Dominican Republic, where 50,000 gallons of jet aviation fuel and 18,000 gallons of diesel fuel were requested on short notice from the customer.

To provide the necessary contract support, DESC-PLB had to overcome several obstacles. The first obstacle was that the United States had no storage capacity on ground in the Dominican Republic. The fuel was to be delivered into Heavy Expanded Mobility Tactical Trucks, or Hemmits, which had a 2,000-gallon storage capacity. However, most of the large

key support 2008 exercise



vendors in the Dominican Republic required a minimum delivery quantity of 5,000 gallons for diesel fuel and 10,000 gallons for jet fuel. With no current contract in place in the Dominican Republic, DESC-PLB had only 17 working days to get a contract in place prior to the start of the exercise.

In addition to the short lead time, DESC-PLB also faced language barriers in dealing with the smaller local vendors and the commercial practice of payment for delivery the same day the fuel is delivered. The situation was further complicated when notice was received from the customer that the diesel fuel would be required seven days earlier than initially forecasted and if fuel was not received the mission would be at a standstill.

DESC-PLB has always understood that the first key to providing the right fuel, at the right time, for the right price was having talented acquisition professionals. The team that supported this mission was a combination of a seasoned contract professional in Tyler Parker, the division chief, and four individuals recruited through the Defense Logistics Agency and DESC Intern Programs; Contracting Officer Ditu Kasuyi and Contract Specialists Gerald Tinner; Luis Beza-Cay, and Gladys Morales.

The second key to providing support for the exercise was team work. When called upon to work this mission, the contracting team came together and called on numerous vendors known and unknown. They hoped to find vendors operating within the Dominican Republic who could potentially have an interest in assisting DESC in supporting the Tradewinds Exercise.

Additionally, they solicited the support of Jason Dunlap and Anthony Kinard, both of the Army Petroleum Center, as well as Leo Bryant, the DESC liaison officer to U.S. Southern Command, and U.S. Air Force Senior Master Sgt. William LaFoy of SOUTHCOM to brainstorm ideas to overcome the obstacles in providing mission support for the exercise.

Once DESC-PLB was able to put a contract in place, Christine Owens and Elizabeth Perkinson of the DESC Technical Team sprang into action to ensure the activity had access to the automated ordering, receipt, and invoice system called PORTS. This was vital to ensure that the vendor would be paid in a timely manner without the challenges of having to complete ordering and receipt documents manually.

The third key for supporting the Tradewinds exercise was collaborating with the DESC customer on the ground. Often times in such situations, the customer is overlooked as a

valuable resource in assisting DESC with providing contract support. Marine Corps Staff Sgt. Craig Bouchard and his support team from Marine Forces South played a vital role in helping to get the contract in place. After DESC-PLB had exhausted all possible avenues of providing support, Bouchard identified a local company willing to provide the fuel in delivery quantities of less than 5,000 gallons. The local company had no English-speaking employees, as Spanish was the local language, and did not have access to the Internet, nor did they have an email address. Bouchard and his team assisted by coordinating the use of a conference room with Internet access where DESC-PLB was able to conference in to discuss the vendor's submission of an offer.

Beza-Cay and Morales were key players in this effort as they were able to communicate with the vendor in Spanish and addressed the vendor's concerns relative to providing support. Beza-Cay subsequently walked the vendor page by page through the Offeror Submission Package, which was ultimately submitted for review. Though the payment terms identified in the solicitation were not the norm for vendors in the Dominican Republic, the team was able to address any issues the vendor had relative to the payment terms and their reluctance to support the program requirements. Ultimately, the contract was awarded and the warfighter was able to meet their mission in the Dominican Republic without delay.

Hiring talented acquisition professionals, working together as a team, and collaborating with the customer are the tenets of today's successful global organizations. Being able to leverage these elements of success against the needs of the warfighter will enable DESC to continue its long-standing tradition of warfighter support. It will also further solidify DESC's position as a global leader in providing total energy solutions under any condition at the right price, right time, on time, every time!



Energy conference labor of

By Susan Declercq Brown
DESC Public Affairs

Talk to the director of the Defense Energy Support Center's Installation Energy Commodity Business Unit for a few minutes about DESC's Worldwide Energy Conference and Trade Show and it becomes clear the event is more than just an additional duty for him – it's also a labor of love.

DESC hosts the conference every other year to provide their customers, suppliers and vendors an opportunity to learn about the latest trends and technologies in the energy industry and how the federal government, particularly the Defense Department, is becoming a more efficient and environmentally-friendly consumer of energy products.

DESC has put on the conferences since the '90s; this was the sixth conference. Installation Energy CBU Director Kevin Ahern has led the effort to mount the biennial three-day event in 2004 and 2006 – and the more recent conference April 14-16 of this year.

This year's conference had more attendees and exhibitors than any previously.

"It's really become one of the Department of Defense's go-to events," said Ahern.

"It's been a constant progression of improving the event over the years. I've really enjoyed working on the conferences because of the exceptional level of support I've gotten across the Center," he explained. "It's always been an opportunity to lead a very high-performing team. And, what wouldn't be fun about that?" he asked.

The core planning and execution team consisted of six DESC employees, a DESC contractor, and the Bridge Group, an event planner with whom DESC has a contract for five one-year options. The Bridge Group has already worked with DESC on several conferences.

The DESC team included Ahern, Susan Turner, Idella Fletcher, Kathi Wiser, Elaine Stober and Eric Basille. Debbie Bowling, a former DESC employee, and a current employee of Petroleum Management Consultants, has worked on several conferences.

Planning and executing the conference and trade show is a lot of work. The venue has to be reserved a year or more before the event. Then the real work begins about five months prior to the event and continues for five to six months afterward, according to Turner.

This year the team began in earnest in January. At that point, the reservation system was already in place.

"This is the first year DESC contracted out the registration process, so we were breaking in a new system," explained Turner. "There were a few rough spots, especially since this is the first year we charged a conference fee to offset DESC's costs, but we worked through them." Nearly 1,800 people registered.

Contracting out the registration process relieved the logistical nightmare of lining up and training hordes of DESC employees to do the job, according to Ahern. And, more importantly, he added, it freed up DESC employees to fully participate in the conference and



Conference planning team members Kathi Wiser, Pat Mullins, and Kevin Ahern observe the Defense Energy Support Center's 2008 Worldwide Energy Conference and Trade Show opening ceremonies from the back of the room April 14. (Photo by Fred Murphy)



Exhibitor Hank Carpenter, LNS Technologies Inc., and Art VanRooy, of the Fleet and Industrial Supply Center San Diego, meet at the 2008 Worldwide Energy Conference trade show April 15. (Photo by Lawrence "Robbie" Robinson)

love for many in DESC



Trade show exhibitors Al Bowes and Robert Piland, of Nozzle-Aid, demonstrated how their product assists with inspection and containment. (Photo by Susan Declercq Brown)

reap the benefits.

Planners have to coordinate with the venue management to reserve appropriate rooms and spaces for each event, plan food and refreshments, and arrange venue access. They schedule workshops, recruit keynote speakers, plan the opening and closing ceremonies, as well as the plenary session, orchestrate protocol activities, and coordinate all of the audiovisual requirements.

"Of course, if all our planning has been successful, things run pretty smoothly," said Fletcher who has worked every conference since the inception in 1997. "The planning is the hard part."

Fletcher prepares all the publicity and informational materials for the conference, as well as the signage. She also troubleshoots and ensures all the multi-media presentations and equipment function smoothly.

Stober, a customer service analyst with DESC's Command/Customer Support Division, worked with the exhibitors.

This year, conference attendees had the opportunity to learn about energy-related products and services from 110 exhibitors, more than any previous tradeshow, Stober said. The booth spaces sold out very early. The exhibitors were enthusiastic, and the location was great, she said. But, the largest group of exhibitors ever actually spilled out into the lobby area this year, and DESC had to turn away several exhibitors for lack of room in the venue, Ahern explained.

Several exhibitors needed higher ceilings and more room to bring in large equipment they wanted to display, but the venue couldn't support it, he added. Keeping this feedback in mind, the team is currently evaluating potential locations for the next conference.

DESC was pleased to welcome a sister Defense Logistics Agency inventory control point, the Defense Supply Center

Philadelphia, as a first-time exhibitor. DSCP educated DESC customers on the energy efficient and environmentally friendly products it offers.

"The Army Research Lab's hybrid hydrogen fuel cell vehicle and Mr. Woolsey's algae-fueled truck were very popular exhibits," Stober said. "There were big crowds around where they were parked outside the hotel entrance."

Participants had 40 workshops to choose from over the three days.

"More than any other year, the military services, contractors and others stepped up to volunteer to do workshops. We used more rooms this year than ever before, but we still had to turn down some potential workshops due to availability of rooms," Ahern said.

Often there were eight or nine workshops offered concurrently.

"People sometimes have to make tough choices about which workshops to attend," he explained. "We'd like to have enough rooms to be able to repeat some of the most popular workshops."

Ahern says perhaps the biggest challenge and worry in orchestrating this year's conference also turned out to be one of the greatest successes. One of his biggest challenges is to ensure that the plenary session, attended by more than 500 people this year, is meaningful and timely. So, when two of the three keynote speakers cancelled within a month of the conference, it sent shock waves through the team.

With a lot of scrambling, and the help of Pam Serino, acting director of DESC's Quality and Technology Support Division, the team found some fantastic speakers, said Wiser.

"The feedback we've gotten has been overwhelmingly positive — phenomenal, in fact," said Ahern.

Continued on page 26.



A film crew documenting the Defense Energy Support Center's 2008 Worldwide Energy Conference gets some footage of DESC's Irene Lelansky and Lorena Montenegro at the DESC booth April 15. (Photo by Lawrence "Robbie" Robinson)

cont'd from page 25

WWEC labor of love

"I know the phone will start ringing here by next spring; as people are planning their travel and training funding, they'll be calling for the dates of the next conference," Ahern predicted.

This is Ahern's last year chairing the Worldwide Energy Conference and Trade Show team.

"I'll definitely miss it," he said. "It's absolutely a lot of work, but when you're in the conference venue, you get caught up in all the excitement of watching all the plans fall into place and everything moving smoothly. You tend to forget all the sweat and tears that went into the planning."

Ahern said though he won't be chairing the next team, he would definitely be a contributing member of the team. "I'll always be part of the Worldwide," said Ahern.



Idella Fletcher, the conference planning team member responsible for multi-media materials, loads presentation files behind one of her signs in the hotel staging area April 15. (Photo by Susan Declercq Brown)



Chief Master Sgt. Larry Reddish, Davis-Monthan Air Force Base, talks with exhibitors Mike Walls and Glenn Barr of Eaton Aerospace. (Photo by Susan Declercq Brown)

San Antonio team

By Sharon Murphy
Aerospace Energy CBU director

The Defense Energy Support Center's Aerospace Energy Commodity Business Unit will conduct Exercise Serene Response X at Vandenberg Air Force Base, Calif., Nov. 6-7. The highway emergency response exercise will train participants in how to handle a Dinitrogen Tetroxide incident.

Dinitrogen Tetroxide, or N2O4, is a hypergolic propellant used as an oxidizer by the Department of Defense, NASA, and the commercial space launch industry. N2O4 is a poisonous inhalation hazard and is considered one of the top ten hazardous chemicals transported over our nation's highways.

The exercise is being planned in coordination with the Santa Barbara County, Calif., Office of Emergency Services and Vandenberg AFB.

Exercise Serene Response X will provide attendees with information on the characteristics of N2O4, and how to handle a release due to an accident or incident involving a bulk trailer shipment over the highway. N2O4 is shipped in specially designed bulk trailers over the nation's highways to either Kennedy Space Center, Fla., for use in the Space Shuttle program or Vandenberg AFB for the Delta Space Launch program. More than 200 emergency response personnel from various federal, state and local agencies and air force bases along the routes of movement have been invited to attend the exercise.

Since 1990, each Serene Response highway exercise has been conducted at a different location along the route of movement in an effort to train local emergency responders in those communities. The CBU, also known as DESC-M, is committed to educating as many of the local response forces as possible. Each exercise provides a new perspective on emergency response procedures and benefits. Previous exercises have been held at:

<i>Serene Response I</i>	<i>Little Rock, Ark.</i>	<i>1990</i>
<i>Serene Response II</i>	<i>Titusville, Fla.</i>	<i>1992</i>
<i>Seren Response III</i>	<i>Vandenburg AFB</i>	<i>1993</i>
<i>Serene Response IV</i>	<i>Amarillo, Texas</i>	<i>1994</i>
<i>Serene Response V</i>	<i>Montgomery, Ala.</i>	<i>1996</i>
<i>Serene Response VI</i>	<i>Holloman AFB, N.M.</i>	<i>1998</i>
<i>Serene Response VII</i>	<i>Cape Canaveral, Fla.</i>	<i>2000</i>
<i>Serene Response VIII</i>	<i>Vicksburg, Miss.</i>	<i>2002</i>
<i>Serene Response IX</i>	<i>Flagstaff, Ariz.</i>	<i>2004</i>

So far, six months of pre-planning has gone into the development of this exercise. Gene Ramirez, from DESC Aerospace Energy's Transportation Office, traveled to Santa Maria, Calif., to brief and organize participation from federal, state and local response agencies. Vandenberg AFB is the nearest base to Santa Maria. So, the 30th Space Wing Mission Support Group commander and military personnel at the base were also briefed on their role and responsibilities as the Department of Defense On-Scene Commander to an accident or incident in California.

plans Serene Response



Ramirez conducted a “trusted agent” meeting at the Cachuma Lake, Calif., conference room on April 17. Twenty-seven representatives from the following emergency response agencies attended the meeting:

Santa Barbara County (SBC) Office of Emergency Services
SBC Sheriff's Department
SBC Public Health Department
SBC Fire Hazardous Materials Department
The Federal Bureau of Investigation in Santa Maria
California Highway Patrol
California Department of Transportation
Santa Maria Police Department
Santa Maria Fire Department
Allan Hancock College Police Department in Santa Maria
Marian Medical Center in Santa Maria
American Red Cross
Vandenberg AFB

Attendees were presented with a PowerPoint briefing on the characteristics of N₂O₄, space programs supported, and an in-depth review of DESC's emergency response plan, and on the exercise program. Attendees received a folder full of information on N₂O₄. The folder contained DESC-M's emergency response plan in CD format; an N₂O₄ Material Safety Data Sheet; the Department of Transportation's Special Permit 3121 (which authorizes DESC-M to transport N₂O₄ over the highway); N₂O₄ exercise and transportation fact sheets; DESC-M's exercise goals and objectives; and the transportation route map within the state of California with emphasis on the simulated spill location. Attendees saw a DESC-M video on the cradle to grave operations regarding N₂O₄. A question and answer session followed. This initial meeting with all of the emergency response agencies provided an excellent forum in pre-planning DESC Aerospace Energy's emergency response exercise agenda.

DESC-M continues extensive planning and coordination with these agencies to ensure that all emergency response personnel participating benefit from the exercise. With the support and assistance of the SBC Office of Emergency

Services, DESC-M has collectively determined the simulated exercise scenario and the Santa Maria location. They are presently working with all participating agencies on the exercise interjects or inputs which will be used in the tabletop exercise. These interjects will be written to help each agency attain their exercise objectives and goals.

The basic elements of Exercise Serene Response X will include orientation briefings; a mitigation demonstration; static display of a tank trailer, emergency response equipment and vehicles; and a tabletop exercise. The orientation briefings include descriptions of product characteristics, emergency response network, shipment procedures, satellite tracking, emergency response actions and mitigation, and response force responsibilities. The highway emergency response mitigation demonstration will consist of a narrated walk-through of actions taken by the carrier drivers and emergency response personnel in resolving a simulated product leak in an N₂O₄ bulk trailer.

At the static display, exercise attendees will be given the opportunity to get a close look at an N₂O₄ trailer and the emergency response vehicles and equipment. Other agencies are also given an opportunity to display their emergency response vehicles and equipment.

For the tabletop exercise, emergency response participants will be presented with a simulated accident or incident scenario involving a bulk trailer of N₂O₄. Various emergency response interjects will be provided to the participants throughout the exercise. The participants will work together as a team to resolve the situation with top priority consideration for the protection of the public and the environment. The tabletop exercise provides maximum interaction and helps all participants understand each other's unique capabilities and operating procedures. The tabletop format involves more players in the resolution of the scenario while providing the observers the opportunity to witness the decision-making process.

DESC-M recognizes the risk in transporting N₂O₄ and has taken many precautions over the years to enhance the safety of product shipment. These precautions have proven effective. The DESC-M Transportation Office and prior to that, the Air Force, has been shipping N₂O₄ for more than 40 years. Over this period, there has not been an accident or incident resulting in the loss of liquid product over the nation's highways. DESC-M is proud of this achievement and stands committed to educating the communities along the N₂O₄ route of movement on the hazards of N₂O₄ and how to respond to an accident or incident involving N₂O₄. Conducting these exercises is vitally important in ensuring the safe transportation of an extremely dangerous commodity called N₂O₄.



Gene Ramirez, an Aerospace Energy Commodity Business Unit property specialist, briefs at the “trusted agents” meeting April 17.

Records Management

Do you know what to keep and what to discard?

By Michael Heidbreder
DESC Records Management Officer

Records enable and support an agency's work to fulfill its mission. Federal law requires the creation of adequate and proper records, and makes it a crime to destroy them without approval of the National Archives and Records Administration. Every organization, including federal agencies, must address well-defined objectives that add value, either by achieving the organization's goals or by reducing costs.

Since records contain information, a valuable resource, it is essential to take a systematic approach to the management of records. The Defense Energy Support Center's Business Integration Directorate is in the process of developing a comprehensive records management program. The Records Management team is currently conducting an agency-wide assessment to evaluate its recordkeeping requirements and practices. The findings of this assessment will be used to lay the groundwork for the DESC Records Management Program.

The intent of this article is to increase awareness and educate DESC employees on the fundamentals of records management. Future articles will provide program updates and other helpful information.

What are records?

A "record" is information created, received, and maintained as evidence by an organization or person in the transaction of

business, or in the pursuance of legal obligations, "regardless of media," or storage format. A record can also be thought of as information that holds operational, legal, fiscal, vital or historical value. You may be required to create and maintain records for a number of valid reasons including program administration, management reporting, statute, federal regulation or DESC policy or procedures.

To determine if it is a record, ask the following questions:

*What does your program do that needs to be documented?
What types of official documents are created in your program?*

What are your mission critical records?

What documents your decisions or is part of the audit trail?

Some examples of records are project files, final reports, publications, time cards, personnel files, contracts, and charters.

What is a records series?

A series is a category for organizing and controlling your files. It is a collection of file units or documents kept together because they relate to a particular subject or function, result from the same activity, document a specific type of transaction, take a particular physical form, or have some other relationship arising out of their creation, receipt, maintenance, or use. Each series of records should be stored separately from all others.

What are non-records?

Not all documents are records. Non-record material does not require a disposition schedule. Some examples of non-record material are reference materials, copies of correspondence, duplicate copies of all documents maintained in the same file, superseded copies of published manuals and directives, routing slips, catalogs, trade journals, and magazines.

While the formal records management program takes shape, the following are some actions DESC employees can take now to improve the state of records management in their areas.

Identify files that need to be kept for each function you perform.

Properly dispose of non-records paper files

Remove unnecessary files from shared drives

Store records in a centralized location

Hold records clean-up days

Retire inactive records to off-site storage

Create/maintain an inventory of what records you have and where they are located

For more information, contact the Records Management Officer Michael Heidbreder at (703) 767-4965 or e-mail descrecords@dla.mil



Kick off more than COG in wheel

By Candy Cross
Direct Delivery Fuels CBU

Recently, the Defense Energy Support Center's Ground Fuels Division II coordinated and hosted two collaborative kickoff meetings to share exciting changes and goals of the upcoming procurement cycle for Customer Organized Group 6. During the meetings, the Ground Fuels Division II DESC-PLB branch produced and shared a constructive timeline to ensure procurement tasks and deadlines would be met while awarding contracts in accordance with the scheduled deadline for award. Representatives from the Air Force Petroleum Agency, the U.S. Army Petroleum Center, DESC's inventory division, legal, market research, policy, and quality experts as well as DESC's Small Business Program Office, and Technical Team attended to discuss upcoming deadlines, small business initiatives supported under COG 6 (which include 8a reservations), as well as other DESC-PLB proposals.

Under the current contract period, the total estimated dollar value for COG 6 is in excess of \$400 million. This includes more than 250 million gallons distributed over 825 line items. Motor gasoline, gasohol, ethanol-based alternative fuel E85, automotive diesel, biodiesel, kerosene, heating oil, Jet-A, aviation gasoline, and marine gas-oil are procured under COG 6.

A key element of change for the new procurement cycle will

be a reduction in the ordering period from a five-year to a three-year term. Additionally, Ultra-Low Sulfur Diesel, with 15 parts sulfur per million, will be procured across the board instead of Low Sulfur Diesel which has 500 ppm. Because federal mandates have dictated a reduction in fossil fuel usage, DESC-PLB anticipates an increased requirement for alternative fuels such as bio-diesel B20 and ethanol E85 requests.

Plans are also underway for DESC-PLB to host a pre-offer conference to increase vendor participation, address concerns relative to the Offeror Submission Package and its requirements, enhance performance under subsequent contract awards, and increase the customers' understanding of their DESC contract.

In short, DESC-PLB wants to build stronger relationships, realizing that such a commitment starts with establishing relationships through collaborative efforts such as the COG 6 kickoff meetings.

DESC-PLB is committed to supporting our troops and embracing the commitment to deliver the right product, at the right time, for the right price. Collaborative efforts will not only enable the team to meet milestone deadlines, but to exceed them — giving the warfighter access to the necessary end products to meet their goals and succeed at the mission.

COG 6 Collaborative Team



Graphic by Tyler D. Parker

DESC goes for Gold in Thailand

By Brandi Carpenter
Direct Delivery Fuels CBU

In its continuing efforts to support the warfighter, the Defense Energy Support Center's Direct Delivery Fuels Commodity Business Unit directed its efforts at supporting the 2008 COBRA Gold military exercise in Thailand. The exercise, which marks its 27th anniversary this year, is a joint-training exercise and humanitarian effort involving the United States, Thailand, Singapore, Japan, and Indonesia, in addition to other invited allied countries.

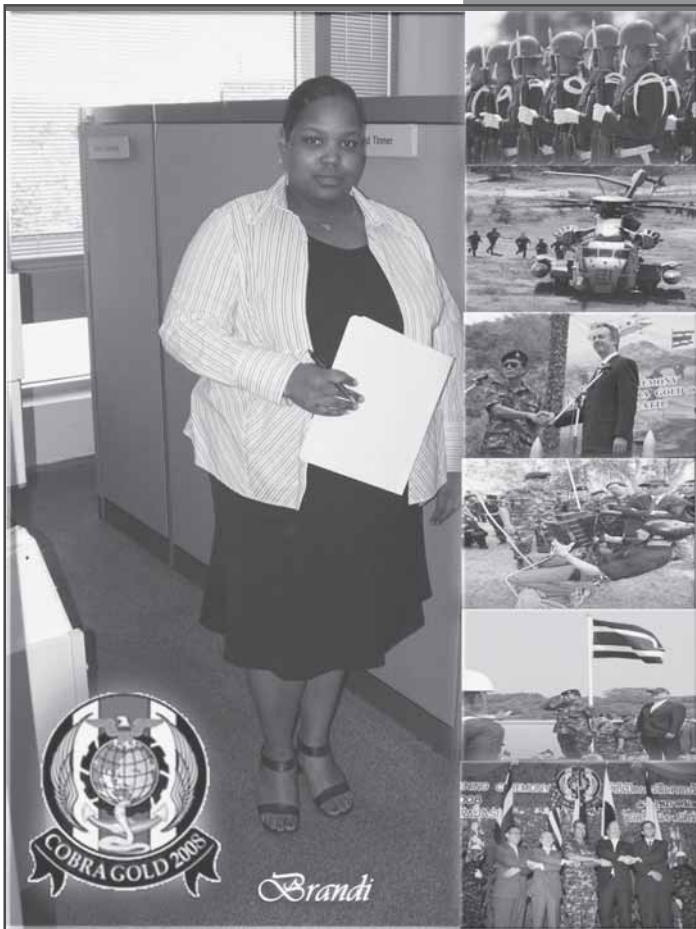
The exercise includes field training through combined air, land and sea operations, command post exercises, and civic action projects. Through its participation, the United States continues to show dedication to promoting peace, serenity, and security among the participating countries.

The exercise planners submitted requirements to Direct Delivery Fuels for 371,152 gallons of jet aviation fuel; 45,137 gallons of Diesel Fuel #2; and 3,270 gallons of regular unleaded gasoline, with a total estimated quantity of 419,599 gallons. Drum and tank wagon delivery was required.

Historically, DESC has had difficulty procuring requirements under the Thailand Posts, Camps and Station program because of the lack of adequate vendors in the country able to meet the demand of the exercise. In order to meet the procurement deadline for the 2008 exercise and the needs of the warfighter, Contracting Officer Ditu Kasuyi met with several newly-identified vendors to assess their ability to support the exercise and their interest in doing business with DESC. Due to the logistical demands of COBRA Gold and the remote locations, convincing vendors to support the program at times proved to be a challenge, and the number of vendors capable of delivering to the solicited locations was limited.

DESC awarded the contract for COBRA Gold under its PC&S program to PTT Public Company Ltd., whom at the time, also held a contract with DESC under its Into-Plane Program. PTT had supported COBRA Gold in the past through Mutual Logistic Support Requests. The Direct Delivery Fuels CBU successfully awarded 10 line items under the COBRA Gold 2008 contract.

The contracting team that met the COBRA Gold challenge included Tyler D. Parker, chief of Ground Fuels Division II; Kasuyi; Lisa O'Brien, contract specialist; Brandi Carpenter, contract specialist; Luis Beza-Cay, contract specialist; and Audrey Scott, inventory manager. Additionally, David Douglas, DESC Pacific liaison officer; Walter Riddlehoover, DESC Pacific deputy director; Chris Owen and Elizabeth Perkinson, the Direct Delivery Technical Team; U.S. Army Lt. Col. David Bennett, DESC Pacific operations officer, and Chief Warrant Officer Robert Warnick, Marine Forces Pacific logistics officer, were also instrumental in helping to meet the challenges of COBRA 2008.



Graphic by Tyler D. Parker

Indian Health Services symposium welcomes DESC

By Ditu Kasuyi
Direct Delivery Fuels CBU

In an ongoing effort to enhance customer relationships and acquire new customers, the Defense Energy Support Center's Direct Delivery Ground Fuels Division II DESC-PLB branch sent a representative to the 2008 Indian Health Services Procurement Symposium April 21-25 in Rapid City, S.D.

It was obvious that this would be an opportunity to further strengthen DESC's relationship with this key non-Department of Defense partner. This also provided the team with an opportunity to share information with potential customers who are not fully aware of the benefits of doing business with DESC. Contract Specialist Gerald Tinner led the effort.

The IHS Symposium was attended by 50 IHS and Bureau of Indian Affairs representatives from locations throughout Customer Organized Group 6. To ensure that the presentation was effective, Tinner asked the event organizer to query registered attendees for questions concerning their present DESC contracts. The attendees sent in several responses a week before the start of the symposium. With this information, Tinner was able to tailor a presentation that targeted the specific questions and concerns of the customer.

Tinner focused on contract clauses, price escalation and effective customer communications. Attendees had numerous questions about the economic price adjustment methodology DESC uses to escalate the contract prices. To maximize the customers understanding of what was presented, Tinner provided handouts that explained the price escalation method in detail, in addition to providing examples during the presentation. Attendees also received contact information for the contracting officer and contracting specialists who will be

handling the upcoming solicitation for the COG 6 program, and the program due dates for requirements submissions and anticipated solicitation issuance.

Near the end of his presentation, Tinner asked how DESC could better serve the IHS and BIA during the up coming COG 6 procurement cycle. Based on customer comments, DESC determined the solution was to increase communication throughout the procurement process by establishing a central

point of contact within IHS/BIA. Plans are underway to identify such a person, and it is that with this key point of contact, DESC's support of IHS/BIA requirements in the region will increase exponentially.

DESC was invited to this year's symposium because the Ground Fuels team's presentation at the 2004 symposium was so well received.

"Many of the BIA and IHS requirements we support now were as a result of the last procurement symposium held, and our support has steadily increased since then,"

said Ground Fuels Division II Chief Tyler Parker.

Under its current contracts, DESC provides fuel support to a host of Indian Health Service and Bureau of Indian Affairs locations in North and South Dakota, Minnesota, Nebraska, and New Mexico. Five small business vendors were awarded contracts to supply 1.74 million gallons of Fuel Oil Burner #2 (FS2), 251,800 gallons of Red-Dyed Ultra-Low Sulfur Diesel #2 (DSS) and 60,000 gallons of Winter Ultra-Low Sulfur Diesel #1 (DS1). The total estimated dollar value of the contracts at the time of the contract awards in 2004 was \$3,817,223.89.

"The current ordering period goes from June 2004 to May 2009, so we are in the pre-solicitation phase of the ordering period to begin in 2009," Parker explained.



Graphic by Tyler D. Parker

DESC fuels fight over Alaska

By Staff Sgt. Vann Miller and Susan Declercq Brown

The Defense Energy Support Center Alaska team supported the Red Flag – Alaska exercise April 3-18 at Eielson Air Force Base Alaska. The exercise gives air and ground crews from various military services and countries the opportunity to train in a realistic combat environment.

Participating forces consumed 2.5 million gallons of fuel from Eielson Air Force Base and 1.1 million gallons from Elmendorf Air Force Base, said DESC Alaska Deputy Randy Banez. Red Flag-Alaska is a Pacific Air Forces command-directed field training exercise that provides joint-offensive counter-air interdiction, close-air support, and large force employment training in a simulated combat environment.

“It’s like a big helmet fire,” said 1st Lt. Derick Cole from the 36th Fighter Squadron from Osan Air Base, South Korea. “You’re reacting to threats out there – 6 to 70 jets, radios going crazy and surface-to-air missiles. Being able to process all that information at one time becomes very challenging.”

“This training really gives pilots a full combat experience,” Cole said. As the fighters play the role of friendly or aggressor forces, the pilots get to really see what kind of capabilities are at their fingertips.

“The airspace and real-world emitters just give us a training environment that you really can’t get at our home station,” said Cole.

The training area covers more than 67,000 square miles, according to Banez.

Red Flag hosts multiple airframes in order to create the most realistic war environment possible. In addition to the fighter aircraft, there are tankers, helicopters and airborne warning and control systems operating in the theater. But, it is the high-flying and maneuverable aircraft that get most of the attention.

Punching its way into the fight for the first time this year was the Air Force’s F-22 Raptor. Other contenders included the Air Force’s F-16 Fighting Falcons and F-15 Eagles and the Navy’s EA-6B Prowler, a long-range tactical aircraft used in electronic warfare.

Canada, Great Britain and Australia all sent forces to train, Banez said.

“I find this to be most rewarding,” said U.S. Navy Lt. Paul Tully from Whidbey Island Oak Harbor, Wash. “The Prowler supports both air and ground forces by denying radar and communications jamming.”

Winter-like weather, including five inches of snow, forced the cancellation of many sorties this year.



Senior Airman Richard Kalinowski, 57th Aircraft Maintenance Squadron crew chief, helps buckle Brig. Gen. William Rew, 57th Wing commander of Nellis Air Force Base, Nev., during Red Flag-Alaska. (U.S. Air Force photo/Master Sgt. Anthony Davis)



Maj. Patrick Deconcini performs preflight inspection of the engine of an F-16 Fighting Falcon. The 94th Fighter Squadron was deploying for Red Flag. (U.S. Air Force photo/ Staff Sgt. Sa...)



A U.S. Air Force photo by...



U.S. Air Force F-15 Eagle heads out to the range. (U.S. Air Force photo by Master Sgt. Kevin J. Gruenwald)



Maintainers remove snow and de-ice a Navy EA-6B Prowler for the first official day of Red Flag-Alaska 08-2 April 7 at Eielson Air Force Base, Alaska. Red Flag-Alaska provides training for deployed maintenance and support personnel in sustainment of a large-force deployed air operation. The EA-6B is assigned to the Naval Air Station Widbey Island, Wash. (U.S. Air Force photo/Airman 1st Class Jonathan Snyder)

3.6 million gallons consumed



... of an F-22 Raptor Feb. 3 at Langley Air Force Base in Virginia. The Deconcini is a 192nd Virginia Air National Guard pilot with the 94th Samuel Rogers)



Senior Airman Kelly Nichols closes the bay door on a KC-135 Stratotanker. Nichols is a boom operator with the 92nd Air Refueling Squadron at Fairchild AFB, Wash. (U.S. Air Force photo by Master Sgt. Kevin J. Gruenwald)

The Big Picture



Tinker Air Force Base employees transfer to DLA

By Debra Bingham
DSCR Public Affairs

Sixty-two Air Force employees officially became part of Defense Logistics Agency June 22. A June 18 activation ceremony at Oklahoma City Air Logistics Center, Tinker Air Force Base, Okla., marked that transfer.

The employees, mostly contracting officers from the Depot-Level Repairable Support Branch, part of the Air Force Global Logistics Support Center's 448th Supply Chain Management Group, procure depot-level repairable aviation parts for the Oklahoma City ALC.

Col. Sid Banks, vice director of the 448th Supply Chain Management Wing at Tinker, thanked the transferring employees.

"Breaking up is hard to do, but as we look at where we are and where we're going, it's a union that's only going to get stronger," Banks said. "The passion you had in supporting the 448th is the same passion and commitment you'll pass to DLA. What you do behind the scenes in sustainment operations is vital to warfighters and that will continue with DLA."

Congress mandated the transfer of DLR procurement responsibility from military service aviation depots to DLA as part of the 2005 Base Realignment and Closure legislation. Under that same law, Oklahoma ALC transferred supply, storage and distribution functions to DLA on Feb. 8 with more than 300 employees.

Defense Supply Center Richmond, Va., the aviation supply chain manager for DLA, will oversee the new organization.

DSCR's core mission is to supply products with a direct application to aviation.

"DLA is at the forefront of implementing initiatives that will enhance the support we provide to our nation's warfighters," Yvette Burke, DSCR's acquisition executive said. "You have the privilege of being close to the customer; we want to continue to develop and maximize that rapport."

Burke said the transition will provide a single face for the Department of Defense to suppliers and save money by consolidating the depot-level repairable, and supply, storage, and distribution functions.

"This gives us more leveraged buying power — reducing prices, reducing inventory, and leaning out our processes," Burke said. "We're creating a closer connection between our customer's demand and supply. We're part of the same team, and we share similar values; we're all dedicated to the customer, value teamwork, and we push for accountability and innovation."

Michael Yort will serve as chief of DLR procurement operations at DLA Oklahoma City.

"The warfighter isn't concerned that there's now a new DLA detachment at Tinker," Yort said. "The warfighter doesn't care who supplied the part; they just care that the part is there. So, whether you're GLSC, DLA, ALC or some other acronym, just remember that success depends on working together as a team."



Hurricane information available on line

Hurricane season has arrived, and it's time to bone up on hurricane safety.

A hurricane may occur at any time of year, but according to the Federal Emergency Management Agency and the National Oceanic and Atmospheric Administration, June 1 through October 30 is the peak hurricane season for the continental United States.

Information is available at the FEMA and NOAA Web sites, where you can learn to protect yourself and your family by knowing what to do before, during and after a hurricane. Visit <http://www.fema.gov/areyouready/index.shtm>

Guard Members Fight Floods, Fires

By Army Staff Sgt. Jim Greenhill, NGB
and Army Sgt. April McLaren, Illinois NG
Special to American Forces Press Service

ARLINGTON, Va., June 26, 2008 - National Guard soldiers and airmen continued to fight Midwest flooding and California fires today.

About 2,300 Guard members remained on duty in the Midwest, down from a peak of more than 5,700, National Guard Bureau officials reported.

Meanwhile, the California wildfires called for fewer Guard members and more aircraft. UH-60 Black Hawk and CH-47 Chinook helicopters and C-130 Hercules aircraft dropped water and flame retardant, while OH-58 Kiowa helicopters and RC-26 Metroliner aircraft flew fire-spotting and reconnaissance missions. More than 90 Guard members responded to Gov. Arnold Schwarzenegger's request for National Guard assistance.

In Missouri, the National Guard was preparing for potential flooding downriver, Army Capt. Tamara Spicer, a public affairs officer, said. The Missouri Guard posted liaison officers to four lower Mississippi River counties in anticipation of flooding, she said.

One levee near Winfield, Mo. was considered to be in such a tenuous position that only life vest-clad National Guard members and firefighters were allowed to stack sandbags, the Associated Press reported.

Army Spc. Daniel Maguire of the 1438th Engineer Company was one of hundreds of Guard members on duty from units across Missouri. "It's my job," he said. "I'm a National Guard soldier, and I help with state emergencies."

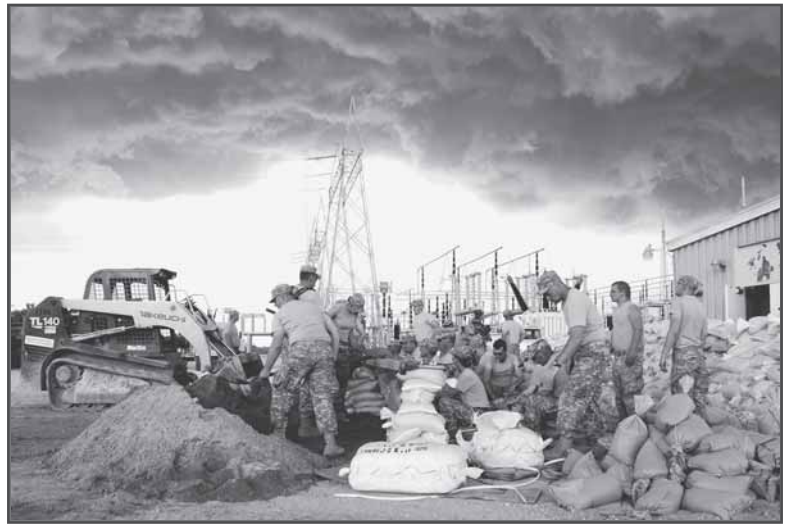
Missouri's adjutant general, Army Maj. Gen. King Sidwell said the state's Guard members will remain on the job as long as they're needed.

Unrelenting waves of heavy rain moved into Wisconsin on June 7, and by June 8 Gov. Jim Doyle declared 30 of the state's 72 counties disaster areas, Donovan said.

"The National Guard's Joint Operations Center beefed up its routine 24/7 staff to coordinate Guard response as flood waters covered most of the southern half of the state," said Army Lt. Col Tim Donovan, the Wisconsin National Guard's director of Public Affairs. "Wisconsin National Guard soldiers and airmen conducted evacuations, delivered sandbags, operated traffic control points, performed security missions, completed engineer assessments and flew aerial assessment flights to assist in the state's multi-agency efforts."

Army Sgt. Jacek Gusciora, part of the Illinois National Guard's 341st Military Intelligence Company based in Chicago, has been working sandbag operations along the Sny levee. "This is the reason we signed up for the National Guard; this is our duty," Gusciora said.

The Midwest flooding mission has seen Guard assistance to civilian authorities in five states since June 7. Troops have



Army National Guard soldiers from Iowa work to complete a seven-foot sandbagged levy to protect an electrical generator from rising flood waters in Hills, Iowa, June 14, 2008. About 80 Guardsmen sandbagged at the generator plant. (U.S. Air Force photo by Staff Sgt. Oscar M. Sanchez-Alvarez)

concluded flooding operations in Indiana, but remained at work today in four other states. While the numbers of troops receded with the water, they still were in the thousands:

Illinois: More than 1,100 Guard members monitored levees as farmland remained threatened from the burgeoning Mississippi. Troops also conducted security patrols in affected communities.

Missouri: With three dozen levees remaining at risk, more than 800 Guard members were on duty providing communications and command and control, monitoring levees, positioning sandbags, assessing damage, removing debris, providing security and distributing fuel.

Iowa: 200 troops continued mop-up operations.

Wisconsin: 200 troops remained in the field today, pumping water, supplying power and giving communications and command support in addition to security, debris removal, road repair and transportation missions.

Guard members are on duty in the United States 365 days a year. June 25, a National Guard CH-47 Chinook helicopter plucked an injured teenager from the side of a Colorado mountain after a car crash. The same day, Guard members assisted Border Patrol agents in four Southwest border states, ferried drinking water to residents of several New Mexico towns, supported Louisiana police, provided critical infrastructure protection in Northeast states and California, flew critical air sovereignty missions nationwide and continued counterdrug operations.

In addition, Guard members remained on duty on numerous overseas missions, including in Afghanistan and Iraq.

Warehouse contributes to green culture

By Annette Silva
DDJC Public Affairs

In today's environmentally conscious society, Defense Distribution Depot San Joaquin, Calif., is doing its part with the newest addition to their facilities – Warehouse 57.

This new 173,000-square-foot general purpose warehouse was completed a few months ago and includes eco-friendly design features.

According to the Environmental Protection Agency, buildings account for 39 percent of total energy usage, 12 percent of total water consumption, and 68 percent of total electricity consumption.

"It was important to take the environment into mind during the planning stages of the new warehouse," said Billy Laws, construction project engineer. "We take every opportunity to contribute to a greener community."

During construction of the warehouse, concrete from a previous World War II-era warehouse was ground up and recycled for use in the base of the new building.

And, the concrete wasn't the only item recycled. The wooden beams and steel from the old building were recycled by the construction contractor and are being reused in the communities near DDJC.

Energy efficiency was a key factor in the design process as well. To save taxpayer dollars and conserve electricity, motion sensor lighting was placed in the restrooms of the new warehouse. When people walk in, the light comes on. When they leave, it automatically shuts off.

DDJC is already planning new ways to add more eco-friendly features to future buildings including high bay fluorescent lighting instead of metal halide to conserve more energy.



Jones DLA Hall of Fame 2007 honoree

By the DLA Director's Joint Coordination Group

Defense Logistics Agency Director Army Lt. Gen. Robert Dail announced May 30 the inductees for the 2007 DLA Hall of Fame. Former DESC Director Jeff Jones was among the honorees.

The six honorees were selected from a field of 15 nominations submitted. The other inductees are:

Bruce Baird, former General Counsel
Phyllis Campbell, former deputy commander, Defense Distribution Center
Navy Capt. Terry Irgens, (Ret), former director, Medical Materiel Supply Chain, Defense Supply Center Philadelphia
Navy Vice Adm. Keith Lippert, (Ret), former DLA director
Richard Maison, former deputy director, Defense Logistics Information Service

The Hall of Fame Induction Ceremony is scheduled for July 23 in the McNamara Headquarters Complex auditorium. The DLA Hall of Fame recognizes and honors former members of the DLA team who have made significant and enduring contributions to the Agency.



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lose your
head
when it
comes to
summer
safety.

Predator Combat Air Patrols Double in One Year

American Forces Press Service

(U.S. Air Force photo by Staff Sgt. Brian Ferguson)

WASHINGTON, May 7, 2008 - A significant unmanned aerial vehicle warfighting milestone was reached more than two years ahead of schedule May 1, with the beginning of the 24th MQ-1 Predator combat air patrol in the global war on terror, Air Force officials announced yesterday.

This CAP doubles the around-the-clock Predator capability of last year, two years ahead of the Defense Department's goal of 2010 for 21 Predator CAPs, officials said.

Predators now supply more than 13,400 hours of full-motion video to ground forces every month while conducting armed overwatch, force protection and precision air-to-surface engagements with the AGM-114 Hellfire missile.

"The Predator teams have just been doing unbelievable work down there [in the International Zone], and in Baghdad as well," Army Gen. David H. Petraeus,

commander of Multinational Force Iraq, said recently. "And I think there's some path-breaking work on going here."

Sustaining one CAP 24 hours a day, seven days a week, 365 days a year typically calls for four aircraft, but for surge operations, the Air Force now maintains 24 continuous CAPs with the total fleet of 76 combat aircraft.

Predator missions are launched by crews at sites in U.S. Central Command's area of responsibility while flown by crews at various locations in the United States. This concept of operations, called remote split operations, allows greater effectiveness in supplying more full-motion video directly to warfighters engaged in combat, officials said. This model of operations nearly triples sustainable combat capability by maximizing the number of available crews and aircraft engaged in combat operations in the global war on terror, Air Force

officials said.

Prior to the innovation of remote split operations in Operation Iraqi Freedom, the Air Force used a traditional unit-deployment model developed in the 1990s. The traditional model of rotating units through the theater limited the Air Force to committing only about 30 percent of its Predator forces to combat. Under this remote model, the Air Force commits 85 percent of its aircraft to combat operations.

And just as split operations allow more aircraft in combat, flying the missions from the continental United States reduces the number of Americans deployed to Iraq and Afghanistan to conduct these missions, officials said, noting that the smaller forward presence reduces American exposure to enemy actions and allows the Air Force to project power without projecting vulnerability.

Stockpile refocuses

DLA Public Affairs

Once aimed at selling off much of its World War II-driven inventory, the Defense National Stockpile Center may soon curtail sale of some commodities and partner with military services to acquire more strategic ones.

A team of DNSC and Department of

Defense officials is evaluating whether certain commodities are becoming scarce and pinpointing those needed to build future weapons systems. The DOD Working Group's findings will be used to create recommendations to Congress, said Cornel Holder, DNSC administrator.

"Some materiel has been considered excess but because the situation around the world—for example, a lot of materiel is being drawn into the building of China's infrastructure—we need to take a look at the availability of resources to see if they're becoming scarce," he said.

DNSC stores 28 commodities ranging

from zinc and chromium to platinum and industrial diamonds. DoD uses these and other critical items to build such equipment as ground vehicles, sensors, satellites and missiles.

In its current state DNSC sells commodities to traders who in turn sell those commodities to companies that create military platforms. "That's another one of the things we want to change," Holder said. The services would come directly to DNSC.

DNSC stores inventory at 17 locations throughout the U.S., but "virtual" stockpiling may be an option.

In the Limelight

Gray, Johnson honored by DLA

By DLA Public Affairs

Martha Gray, the Defense Energy Support Center, and Keith Johnson, Defense Logistics Agency Enterprise Support Europe, are the Defense Logistics Agency employees of the quarter for the second quarter, fiscal 2008. The winners were announced June 3 by DLA Director Army Lt. Gen Robert T. Dail. The two employees rose to the top of the 32 nominations submitted.

Gray, a supervisory contract advisor in the Energy Enterprise Commodity Business Unit of DESC was awarded for her role as contracting officer and division chief within the CBU.

During this past quarter, Gray spearheaded the Army Alaska Utility Privatization effort, totaling \$4 billion in contracts. She also administered other utility privatization contracts that have been recently awarded, including those at Fort Bragg, N.C., Fort AP Hill, Va., Fort Rucker, Ala., and Fort Belvoir, Va.

With the Army division chief out on extended leave, Gray took over her contracting officer duties to include all the fiscal 2008 awards and all of the ongoing fiscal 2009 awards.

"The aforementioned reasons really just touch the tip of the

support Ms. Gray gives to DESC-E," Patrick Dulin, acting director, DESC said. "She is an extremely valued employee and supervisor. She works well with her direct reports and has regularly worked 60-hour weeks. She gets the work done, because it has to be done, and does so thanklessly."

"Every day is a new challenge, and that's what makes it interesting," said Gray.

Johnson is an engineer at DES-Europe. He was asked to accompany a team of engineers to evaluate and correct a fuel system problem at Bagram Air Base, Afghanistan. Johnson was able to determine the cause of the problem and implement a cost effective solution. The problem turned out to be a clogged pipeline and Johnson oversaw the repairs. The restored system exceeded the original pumping capacity, reducing truck deliveries by 30-35 a day.

"Mr Johnson's actions resulted in cost avoidance to the government by curtailing a major pump replacement project and allowed continued timely mission support to the warfighter," Eugene DeLong, deputy director DES-Europe, wrote in the nomination.

Gray garners DESC Employee of

By Susan Declercq Brown
DESC Public Affairs

Martha Gray, a supervisory contract advisor and division chief of the Defense Logistics Agency Utilities Privatization Team, in the Energy Enterprise Commodity Business Unit, has been named Defense Energy Support Center Employee of the Quarter for the 2nd Quarter.

Gray, who began her career with DLA in 1995, also serves as the contracting officer for DLA UP and several Army UP actions. She has served in her current position since June 2007.

She earned the award through demonstrated superior performance and selflessness, said DESC Acting Director Patrick Dulin in announcing the award.

Gray's supervisor said Gray already had one of the heaviest workloads in the office. But, her workload doubled this quarter when she also took on the responsibilities of the Army UP division chief who was out on maternity leave.

As a result, Gray worked on all of the UP fiscal 2008 awards and the fiscal 2009 contracts.

Gray said time management and project management were her biggest challenges.

"There are never enough hours in the day," she said. "But, I

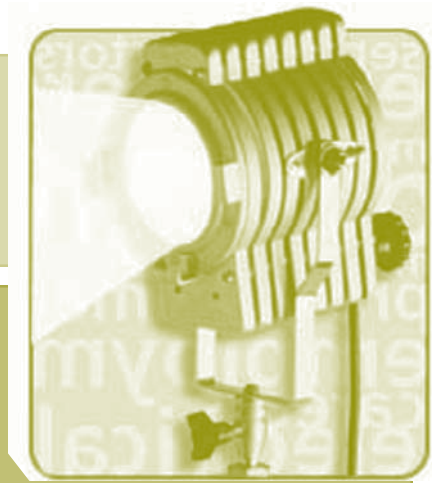
would say that management of milestone schedules and getting our fiscal 2008 UP projects on track for successful awards by fiscal year end was the biggest challenge. UP procurements have an approximate 18-month schedule from issuing the solicitation to issuing an award, so it was also important to kick start the fiscal 2009 UP projects as well."

In her Army UP role, Gray administered eight installation's contracts. These include Fort Bragg, N.C., Fort A.P. Hill and Fort Belvoir in Virginia, and Fort Rucker, Ala. She met regularly with Army representatives to meet timelines in addition to providing the same time and attention to all of her DLA customers.

To kickoff the fiscal 2009 solicitations, Gray traveled to meetings at Aberdeen Proving Ground, Md.; the U.S. Military Academy at West Point, N.Y.; Fort Knox, Ky.; and Fort Meade, Md.; she also traveled to the Army's Installation Management Command's Pacific offices.

During all of this travel, her nomination package states, Gray stayed in constant contact with her 13 employees, making sure everything continued forward. She also focused on team management because many of the two teams' members were new to the organization. Nine of the employees had been in their positions less than six months, and four were interns.

"I think the most rewarding thing was how both teams pulled



Martha Gray,

a supervisory contract advisor and division chief in DESC's Energy Enterprise Commodity Business Unit, was named both DESC and DLA Employee of the Quarter.

the Quarter (2nd Qrtr)

together to make things happen. Team members really stepped up to the plate to complete necessary tasks to get projects moving. We completed updates to all fiscal 2008 projects and held four kick-off meetings at four Army installations in a little over four weeks time for all fiscal 2009 projects as well as many other tasks," explained Gray.

She also spearheaded the Army Alaska Utility Privatization effort and the resultant \$4 billion contracts over 50 years.

"The Alaska UP effort includes three installations — Fort Greely, Fort Richardson and Fort Wainwright — and 12 utility systems. It is the Army's largest UP effort to date," Gray explained. "It is somewhat unique from other UP efforts as two of the systems are Central Heat and Power Plants/Heat Distribution Systems. These are critical in the harsh Alaskan climate. The systems are in critical need of repair and upgrade. All twelve systems were awarded to a single contractor, so this is a mammoth effort for one company to undertake. All three contracts are still in the transition phase, so the contractor has not taken over ownership just yet, the systems are set to transfer in mid-August. And, I'm happy to say that we are on schedule to do just that."

How did she manage to handle double the workload without a hiccup?

"It would have been impossible to manage the additional workload

without the help of both the Army and DLA teams. Our work is very closely integrated, and senior team members really helped pick up the slack to keep the work flowing smoothly," Gray said.

"We were all very happy to see her," Gray said of the Army UP division chief's return.

"I hope I learned better time management and I am learning every day to delegate," she said when asked what she had gained from the experience.

Additionally, one of Gray's interns fell ill and had to be rushed to the hospital, said her supervisor. Gray has supported him throughout his sickness, which has been especially important to him as his family is located a great distance away. The employee is on extended sick leave and Gray was also able to get him into the leave donation program.

Her supervisor called Gray an extremely valued employee and supervisor, saying, "She gets the work done because it has to be done, and she does it thanklessly."

"I gave up a lot of time with my family. Just ran in and out of the house like a nut for weeks. I'm glad to spend more time at home now," said Gray.

Fuelies honored in joint ceremony

By Tech. Sgt. Ron Crowl
Air Force Petroleum Agency

For the first time, “the best of the best” fuels-handling professionals from each military service were honored in a joint ceremony held April 16 at the Hyatt Regency Hotel in Crystal City, Va. The award and ceremony were sponsored by the American Petroleum Institute.

The military services were honored to have Robert Greco from the API as the guest speaker, and many distinguished visitors and service representatives.

The event highlighted the best in petroleum operations within the Department of Defense. The first two awards went to the nation’s oldest service, the U.S. Army. The 782nd Brigade Support Battalion, Ft. Bragg, N.C., received the award for best in tactical operations, while the Yakima Training Center, Yakima Wash., was honored as best sustaining base installation.

The Navy awarded Yokosuka Japan the Bulk Fuels Terminal of the Year award and Naval Air Station Rota, Spain, as runner-up. The Navy’s next award went to Naval Air Station Lemoore, Calif., as Best Retail Fuel Activity; Naval Air Station Sigonella, Italy, was named runner-up.

The Marines also had winners in two categories. Best Non-Tactical Unit went to Marine Corps Air Station Iwakuni, Japan, and MCAS Yuma, Ariz., was named the runner-up. The Best Tactical Unit award winner was Marine Wing Support Squadron 272, Jacksonville, N.C.; Marine Wing Support Squadron 473 San Diego, Calif., was named runner-up.

The Air Force presented five awards, one each to the Air National Guard and Air Force Reserve and a Gold, Silver, and Bronze winner for the active duty side. The AFR award went to the 482nd Fighter Wing, Homestead Air Reserve Station, Fla. The ANG award went to the 133rd Airlift Wing, St. Paul, Minn.

Competition was also tough among the Air Force active-duty units. The Bronze award went to the 4th Fighter Wing, Seymour Johnson Air Force Base, N.C. The Silver award went to the 62nd Airlift Wing, McChord AFB, Wash. Finally, the Gold award went to the 314th Airlift Wing, Little Rock AFB, Ark.

This year’s awards were a great success due in part to the fantastic job of the service control points and our partners at the Defense Energy Support Center. The services look forward to many more successful events honoring the very best in DoD fuel handling.



Army: Col. Anthony Kazmierski, Robert Greco, Lt. Alexander Huang, Sgt. 1st Class Pedro Olvera Jr., and Pfc. Jack Shafer



Navy: Capt. Robert Therriault, Robert Greco, Gene Blocker, and Cmdr. Christopher Castro



Air Force: In front, Col. Mark Vlahos, Senior Airman Joshua Maag, Airman 1st Class Cody Fowler, Airman 1st Class William Boatwright. In back, Senior Master Sgt. Don Graham, Staff Sgt. Ben Hawkins, Tech. Sgt. Peter Elwood, Tech. Sgt. Sean Reynolds, Airman 1st Class Andrew Levin, Master Sgt. Steve Riley, and Master Sgt. Brian Muck; Little Rock Air Force Base

Reservist lauded for 20-year career

Master Sgt. Thomas Luebcke, a U.S. Air Force Reserve individual mobilization augmentee assigned to the Defense Energy Support Center's Aerospace Energy Commodity Business Unit, accepts congratulations from Sharon Murphy, the CBU director, on his last day of active duty with DESC. Luebcke retired April 1 after more than 20 years of outstanding service.

Luebcke was initially assigned to the U.S. Air Force Directorate of Aerospace Fuels at Kelly Air Force Base, Texas, as an inventory management supervisor in February 1988. When the base closed and the DESC Aerospace Energy CBU was activated in 2001, Luebcke continued to perform his IMA duties in San Antonio.

"During this time his technical knowledge, effective management skills, and broad personal dedication to the critical mission needs of the military services and federal agencies ensured 100 percent uninterrupted cryogenic mission support for the customers in the Southern California area to include the U.S. Navy, NASA and commercial customers directly contracting with the United States government," said Murphy.

"His outstanding leadership abilities, untiring motivation and keen awareness of the customers enabled him to play a major role in the



Master Sgt. Thomas Luebcke, an inventory management specialist and individual mobilization augmentee, receives a flag from Aerospace Energy Commodity Business Unit Director Sharon Murphy during a ceremony recognizing his retirement.

Aerospace Energy mission to support the National Space Industry and the Department of Defense. As one of the last IMA's assigned to Aerospace Energy, Tom will be sorely missed by all. Good luck dear friend...best wishes for the future and throughout your retirement."

Larvick promoted

The director of the Defense Energy Support Center's Bulk Petroleum Commodity Business Unit was promoted to colonel in the United States Air Force in a ceremony on Fort Belvoir May 30.

Col. Jon Larvick began his Air Force career 21 years ago, as a supply officer at F.E. Warren Air Force Base. Since that time, he has served in many supply and fuels-related positions in the United States, Europe and the Pacific. These include a tour at the Defense Fuel Supply Center, now DESC, as an operations and planning officer, executive officer to the commander, and contracts manager; two

tours at the air staff level, and a deployment in support of Operation Iraqi Freedom and Operation Enduring Freedom. Larvick has been assigned to DESC since August 2007, when he assumed the responsibilities of director of the Facilities and Distribution Management CBU.

Top right: Col. Jon Larvick shares some thoughts after his promotion.

Bottom right: Many special guests attended the ceremony. From left, DESC Acting Director Patrick Dulin, brother-in-law Phil Sternberger, sister Joni Sternberger, father Jordis Larvick, wife Cindy Benson-Larvick, and Chaplain (Lt. Col.) Doug Slater with whom Larvick was deployed in Southwest Asia.

Left: Larvick's wife and father pin on his new rank while Air Force Col. Francis Rechner looks on. Rechner officiated.

Photos by Thomas Wilkins



Showering at work



Logistics Systems Analyst Sarah Van Aken and Contract Specialist Josh Catlin were married April 19 in Key West, Fla., and honeymooned in Jamaica. Here they pose before cutting the cake at a workplace wedding shower coworkers hosted May 23. The Catlins work in the Defense Energy Support Center's Direct Delivery Fuels Commodity Business Unit.

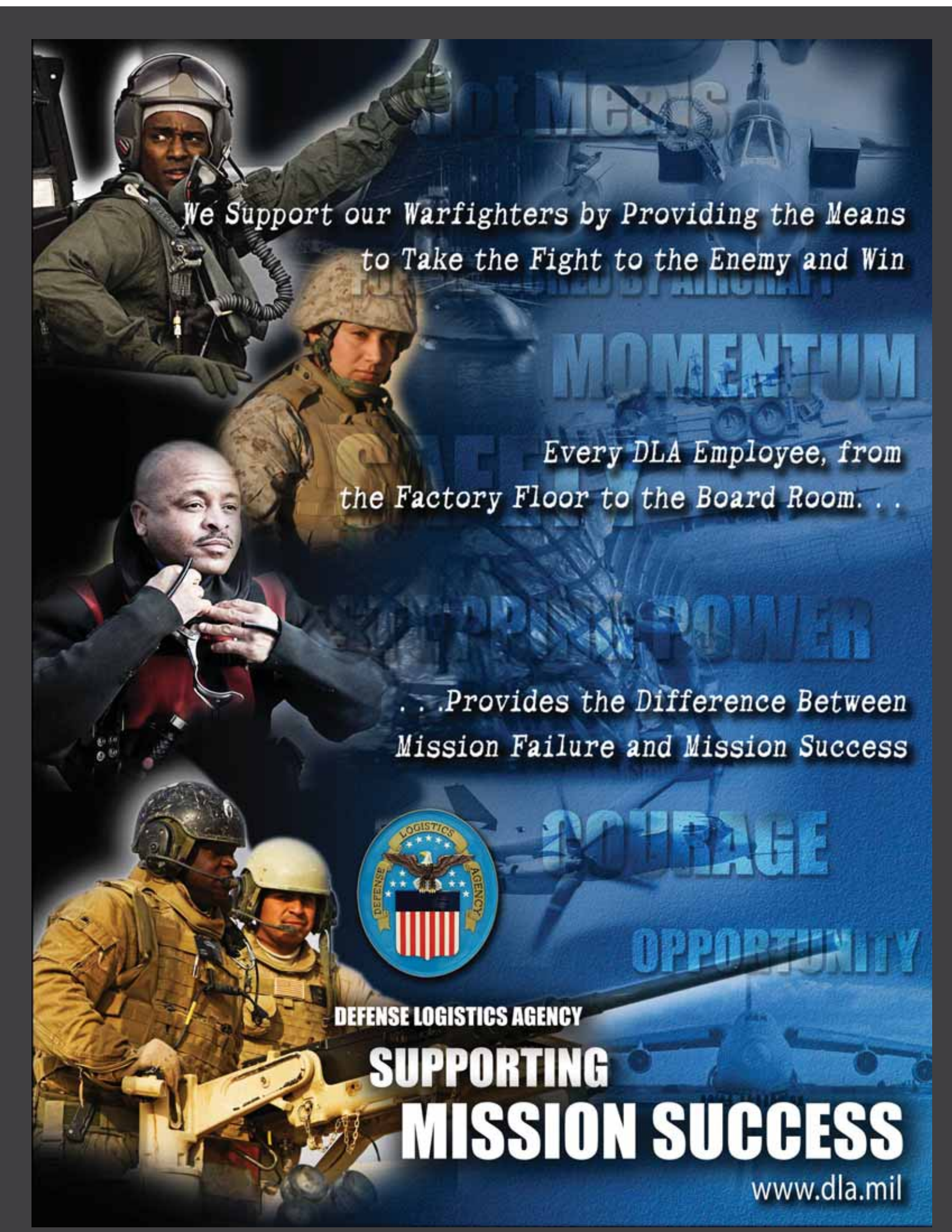


You know it feels good

Air Force Lt. Col. Matthew Kmon, chief of Contingency Plans and Operations for the Defense Energy Support Center, made no secret about his elation at receiving the Defense Meritorious Service Medal and the coveted DESC coin June 23. Kmon was assigned to DESC from July 2006 to June 2008. He directed deliberate planning for effective bulk petroleum support of wartime operations. He directed actions associated with the movement and procurement of more than 11 billion gallons of fuel valued at \$24 billion.

Top: Col. James Meyer, DESC's director of operations presents the certificate to accompany the award.

Bottom: Navy Capt. Dianne Archer, DESC's deputy director, presented the coin.



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