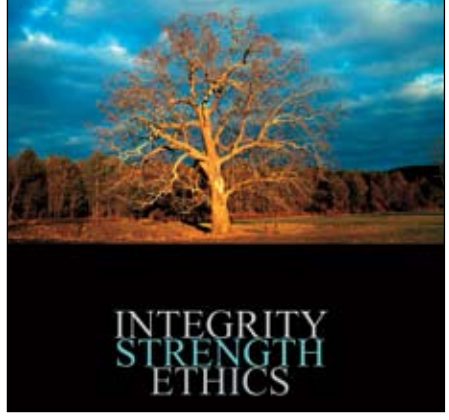

Today

LOCKHEED MARTIN
We never forget who we're working for®

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Charged Up

Lockheed Martin continues its global security mission with move into energy

Lockheed Martin's business strategy over the past several years has been to move into adjacent markets that are closely related to its core global security mission. In this special series, Lockheed Martin Today *looks at the Corporation's progress in some of these adjacent markets. The first in this series: Alternative Energy.*

With alternative energy development and smarter use of existing energy resources emerging as a national priority, energy companies such as Lockheed Martin are well positioned to lead America toward energy independence.

Wait just a minute. Energy company? Lockheed Martin?

Yes, although you might not think of it that way, the Corporation has a growing list of energy-related programs and activities involving a diverse range of business units.

From energy efficiency programs for utility companies and the federal government, to ocean thermal and solar power plants, the Corporation has a strong presence in an industry that appears poised to expand.

The American Recovery and Reinvestment Act signed by President Obama in February includes $40.75 billion for energy programs, and many states are placing requirements on power companies to generate a certain

See Energy p. 4

Building Leadership

New Center for Leadership Excellence opens for enterprise-wide training and development

Officially opening in March, the Corporation's new Center for Leadership Excellence (CLE) in Bethesda, Md., symbolizes Lockheed Martin's commitment to learning and development.

More than 400 area employees and guests attended the ceremony hosted by Lockheed Martin Chairman, President and CEO Bob Stevens, who thanked individuals for dedicating three years of effort to the CLE project.

"This is an absolutely great day for all of us and certainly for me because this is the first time I can officially say to you, 'Welcome to our new Lockheed Martin Center for Leadership Excellence,'" Stevens said in his opening remarks.

"For us this is much more than a beautiful building—but it certainly

See CLE p. 11

Lockheed Martin Chairman, President and CEO Bob Stevens cuts the ribbon at the ceremony to officially open the new Center for Leadership Excellence. From left are Ron Eisenberg, district vice president for Whiting-Turner Contracting; John Morgan, CLE construction manager; Gail Talbott, CLE operations integration manager; Chandra McMahon, president of LMC Properties; Bob Stevens, chairman, president and CEO; Dennis Shanahan, CLE program director; Jim Braun, CLE program manager; Lester Drazin, CLE chief engineer; and Leo Daly III, architect.

In Memoriam

Lockheed Martin mourns the loss of Test Pilot David Cooley, who died in the March crash of an F-22A fighter aircraft near Edwards Air Force Base, Calif.

Cooley, 49, joined Lockheed Martin in 2003 after a 21-year career with the U.S. Air Force. He worked with customers at the 411th Flight Test Squadron, 412th Test Wing at Edwards. He was part of the F-22 Combined Test Force, a team of Lockheed Martin and Air Force pilots conducting F-22 testing.

"Our thoughts and prayers are with David's family and friends during this difficult time. We will remember David with great admiration for his courage, his dedication, and his many contributions to our company and our nation," said Lockheed Martin Chairman, President and CEO Bob Stevens in an all-employee memo the day after the crash.

The cause of the crash is under investigation.

The following have recently received recognition for achievements in management leadership, process improvement, professional development and community relations.

Employees Honored At Black Engineer Of The Year Awards

Lockheed Martin engineers and scientists received 30 prestigious awards at the 23rd anniversary of the Black Engineer of the Year Awards Science, Technology, Engineering and Mathematics Global Competitiveness Conference, held in Baltimore, Md., in February.

"Engineering is the core of our company, and it's an honor when our employees are recognized for their technical excellence and dedication to the community," said Lockheed Martin Chairman, President and CEO Bob Stevens during the keynote address at the awards banquet.

"Lockheed Martin offers an environment for employees to reach the full potential of their technical and leadership abilities, and I'm honored that my colleagues have been recognized by the Black Engineer of the Year organization," Stevens said.

Nikki Boone, senior electronics engineer at Aeronautics, received the Black Engineer of the Year Community Service Award. Boone's community outreach includes educational initiatives and programs in the Fort Worth, Texas, public schools, as well as hands-on building projects in New Orleans' Gentilly and Upper Ninth Ward areas.

Twenty-nine Lockheed Martin employees also were named 2009 Modern-Day Technology Leaders, who are considered up-and-coming women and men who are shaping the future of engineering, science, and technology.

At right, Lockheed Martin Chairman, President and CEO Bob Stevens presents Aeronautics Engineer Nikki Boone with the Black Engineer of the Year Community Service Award.

Lockheed Martin employees named 2009 Modern-Day Technology Leaders are: seated, second from left, Jennifer Hayward, IS&GS; Camille Dunn, IS&GS; Shana Craft, Enterprise Operations; Karla Spencer-George, Electronic Systems; Tiwanna Hayes, Aeronautics; Tamara Baptiste, IS&GS; Ernestine Bryant, IS&GS; Ebony Jones, Electronic Systems; Melissa Simmons, IS&GS. Second row, from left, Ayonike Akingbade, IS&GS; Melinda Au, Electronic Systems. Standing, from left, Jason Lennon, IS&GS; Hugh Hardy, Aeronautics; Vincent Hill, Aeronautics; Jesse Witherspoon, IS&GS; Gerald Gaskins, IS&GS; Jermaine LeVar Coburn, Electronic Systems; Rashadd Hines, IS&GS; Setrige Crawford, Space Systems Company; Keenan Quarles, Space Systems Company; Adolphus Andrews, Jr., Aeronautics; Elza (Jamel) Bearyman, Electronic Systems; Traviss Green, IS&GS; Christopher Barr, Electronic Systems; Abdul Nuhu, Electronic Systems. Not pictured are Tochi Iheagwara, Electronic Systems; Uldrick Jean, IS&GS; Everett (Donnell) Jordan, Electronic Systems; and Paul Neves, IS&GS.

Claire Buckner, left, recruitment and diversity specialist at LMUK, and Sian Jenkins, project administrator industrial trainee at LMUK, accept the award on behalf of Lockheed Martin.

Lockheed Martin UK In Top Spot For Providing Quality Work Experience

Lockheed Martin UK was recently named the "Best Long-term Work Placement Provider" for 2009 at the annual National Council for Work Experience Awards (NCWE) held in London, England. The award recognized achievement in providing quality undergraduate work experience in a company with more than 250 employees. LMUK was noted for giving students a high level of responsibility to ensure they were challenged in their assignments.

The NCWE Awards are in their sixth year and receive entrants from across the public, private and charitable sectors.

Aeronautics Manager Is Guest Speaker During Black History Month

Dexter Henson, senior manager for Aeronautics Global Sustainment Communications, was the guest speaker for February's Black History Month celebration program at Metro Opportunity High School in Fort Worth, Texas.

The high school is classified as a Disciplinary Alternative Education Placement campus where ninth- to twelfth-grade students have a second chance to get the education they need to help them become successful adults.

As a mentor and volunteer at the high school, Henson shared the leadership experiences he gained as a lieutenant colonel in the U.S. Army, which took him around the world. He encouraged students to understand that they can make their differences work for them.

Dexter Henson, senior manager for Aeronautics Global Sustainment Communications, addresses high school students during Black History Month.

See Spotlight p. 10

‘Miracle’ Survivor

Employee recounts his “Miracle on the Hudson” experience

Having recently started his first full-time job after college, IS&GS-Defense hardware engineer Chris Rooney was enjoying a break. He had taken a week off from his Battle Management and Communications job in Colorado Springs, Colo., to spend time in New York City with friends.

That relaxing week came to a jolting end on January 15.

Rooney and girlfriend Karin Hill were among the 155 passengers and crew aboard US Airways Flight 1549, which landed safely on the Hudson River after a bird strike severely damaged the aircraft’s engines shortly after takeoff.

“As the more experienced flyer, I remember explaining to Karin about what normally happens on takeoff in order to calm her anxiety of flying,” Rooney recalled of their pre-flight activities. “I find that aspect a little ironic now because three minutes into the flight, I definitely ran out of explanations as to why the aircraft was obviously maneuvering off course and losing altitude. But I do remember telling her that we must be heading back to the airport.”

What we all know now but Rooney didn’t know at that time was that the crippled airplane could not return to the airport—nor could it land at another airport. Capt. Chesley Sullenberger decided the only option was to land on the Hudson River.

“The jolt that violently shook the airplane, plus a quick look out the window, made me realize that we were headed toward the water,” Rooney said. “I had heard of water landings before, and the airplane’s approach seemed in line with what I’d read. But my technical mind didn’t have much time to think any further when the captain told everyone to ‘brace for impact’.”

After he heard those chilling words, Rooney said, the landing was extremely hard. “Karin and I said a prayer for a safe outcome. Then we were immediately thrown forward when we hit the water. But it was not nearly as bad as I had thought it would be for as fast as we were going.”

The adrenaline was flowing as Rooney and Hill followed other passengers up the aisle to the emergency exits in the front of the plane. Seated in row 18, they didn’t recall hearing any directions from the flight staff or hearing anyone in the back of the plane, which they later learned was filling up with water.

Describing the scene as surreal, he said that “everyone seemed to be calm and took time to help one another to get out of the plane.

“Many people were able to get into rafts or were standing on the wing. The right engine was still attached to the wing when we approached the exit,” he said. “It was weighing down that side—so much so that we were in the water. We ended up balancing on the exit door-sill with water up to our waists at times. This raised the biggest question in our minds — how long will we have to be in the near-freezing water?”

“It was just a relief to know that we survived and were here to tell the story,” says Engineer Chris Rooney.

“The jolt that violently shook the airplane, plus a quick look out the window, made me realize that we were headed toward the water. I had heard of water landings before, and the airplane’s approach seemed in line with what I’d read. But my technical mind didn’t have much time to think any further when the captain told everyone to ‘brace for impact’.”

— Chris Rooney, IS&GS-Defense hardware engineer

Rooney recalled a family of four that he and Karin assisted into the safety rafts. They also passed an 18-month-old child along those waiting on the wing to help the mother as she got into a raft.

The rescue teams were on the scene within minutes of the landing, beginning with the ferry boats that headed directly toward the downed plane. The sight of the boats brought comfort to most of the passengers who were stranded on the wings or were in the water. Within 15 to 20 minutes, each passenger had been plucked out of the icy waters and loaded onto the ferries that quickly headed to shore and the waiting ambulances.

“Our ferry went to the New Jersey side,” Rooney said. “We decided to get checked out at the hospital since my hands and lower body were extremely cold and we wanted to ensure that once the adrenaline wore off, we wouldn’t have any lingering injuries. Once we were cleared to leave, the US Air team was amazing in getting us lodging, clothing, shoes, food — the necessities for our overnight stay.”

Rooney’s father, a commercial airline pilot, had flown to New York from Hawaii when he learned the plane had gone down. After a quick call to Rooney’s mom, his dad was on his way to help his son.

“That evening, seeing him and our New York friends gave us an amazing, comforting feeling,” Rooney recalled. “It was as if all the stress of the day dissolved when I saw him. It was just a relief to know that we survived and were here to tell the story. Karin and I joke now that the next time we get on an airplane, we should read the emergency card. We both wished we had grabbed the yellow life vests under our seats.

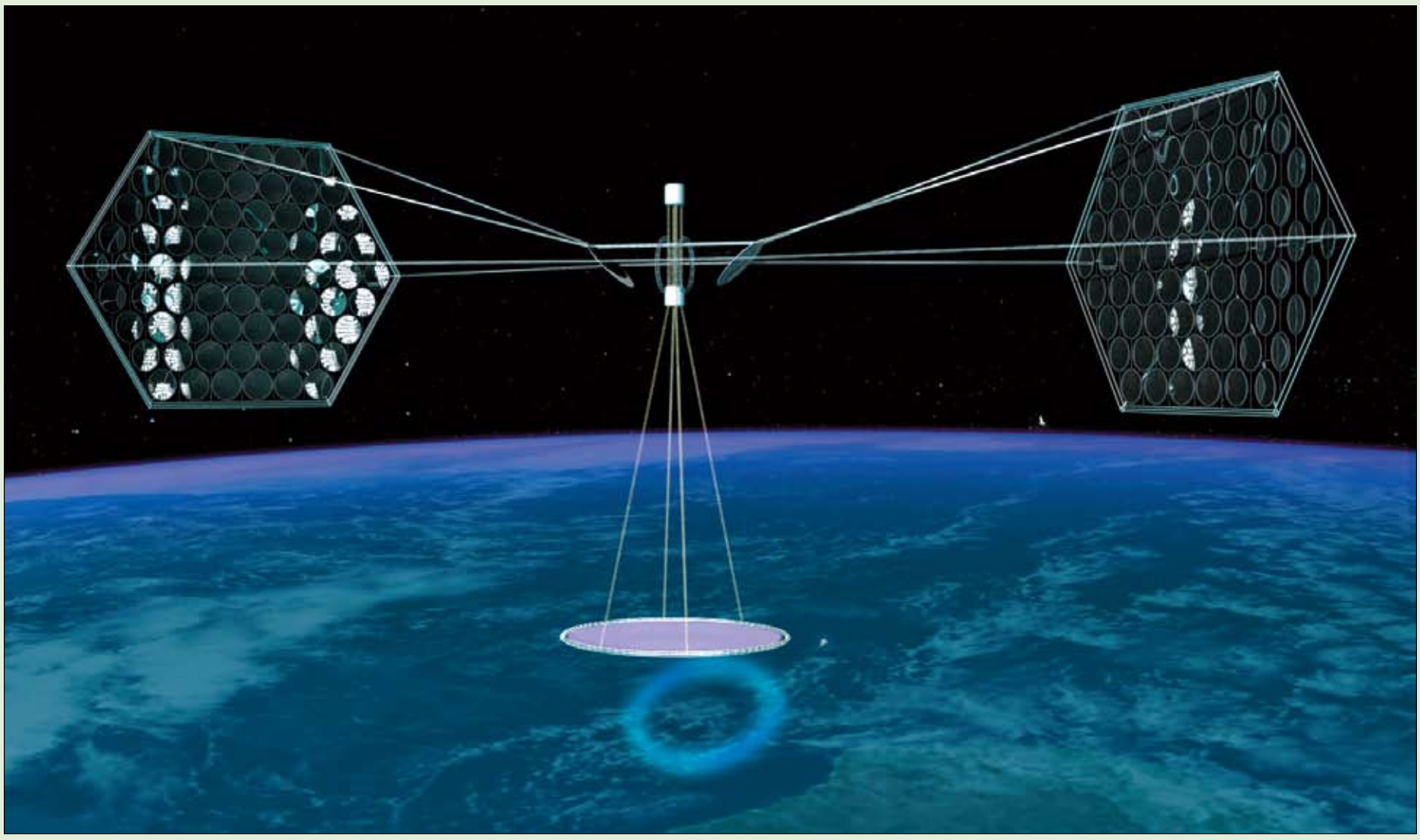
“We are truly grateful for being alive, for having supportive family and friends, and for having a strong faith in God. We’d like to express our sincerest gratitude to the flight captain, to whom we all owe so much, the US Air 1549 crew, US Air personnel, NYC ferry workers, and all the emergency responders on the scene.”

For most, the picture of passengers standing on the wings of an airplane as it slowly sinks into the icy Hudson River is hard to forget. With the recent crashes of a single-engine plane in Butte, Mont., and Continental flight 3407 in Buffalo, N.Y., Rooney said he turns to his faith for grappling with questions about surviving the “The Miracle on the Hudson.”

Rooney said when it comes to flying, especially the takeoff and landing, he and Hill still have anxiety. Plus, he said, sleeping doesn’t come easy. “I think I had some post-traumatic stress. But I know that I must be on Earth for a reason.

“I find some comfort in knowing we have a purpose in life — I still don’t know what it is — but I’m grateful to God for giving us this opportunity to live out that purpose.” ■

Airline passengers wait to be rescued on the wings of a US Airways jetliner that safely ditched in the frigid waters of the Hudson River in January. The inset shows engineer Chris Rooney standing on the wing, far right.



Space-based solar power has significant potential. After collecting the solar energy, the space-based solar power system converts it to radio frequency energy and conveys it efficiently and safely to the ground through large-aperture transmitters and collectors. This artist's rendering of a space-based solar array shows the wide aperture delivery of the space-generated power, an important safety feature.

Energy

Continued from p. 1

percentage of their electricity from renewable sources.

At the same time, the federal government and Department of Defense are stepping up their efforts to use less energy both to reduce costs and to demonstrate leadership in making America less dependent on foreign oil.

Across Lockheed Martin, excitement over the business potential of energy-related programs is growing rapidly. Jim Wrightson, vice president of Strategic Planning, is leading a corporate-wide team exploring the energy and climate strategy.

Recognizing energy as a strategic growth market, Corporate Engineering & Technology is working with the business areas to leverage targeted investments through its Strategic Technology Threads, to support greater integration and overall market penetration across the entire spectrum of business pursuits.

"Energy and climate change are dominant issues for our customers, our nation and the world," said Ray O. Johnson, senior vice president and chief technology officer. "It is imperative that we apply our tremendous depth of engineering and technical talent to solutions for energy independence, and at the same time open up adjacent markets for continued business growth."

Many of the Corporation's business units are pursuing programs with the potential to develop into significant new adjacent-market businesses.

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— Ray O. Johnson, Lockheed Martin senior vice president and chief technology officer

Solar

On the Maritime Systems & Sensors (MS2) campus at Moorestown, N.J., workers are building a structure that an uninitiated visitor might easily mistake for some type of radar. It stretches over an area longer than a football field and has adjustable parabolic troughs mounted on a stand.

But this is not a surveillance system. It's a testbed for concentrated solar energy technology that MS2 intends to develop into utility-scale solar power plants.

"We became convinced about a year ago that energy is going to be the key to the national security of the United States," says Chris Myers, vice president of the solar energy program at MS2. "Whether you're coming at it from a national security perspective or whether you're concerned about global climate change doesn't matter any more; they both benefit from alternative energy. This is an area where Lockheed Martin can bring a lot of added value for our customers."

The Solar System Test and Engineering Site (SolSTES) Array, slated for completion in April, will provide MS2 engineers with the opportunity to integrate and test a variety of solar technologies and materials, and to conduct production modeling.

A concentrated solar energy array uses its curved mirrors to focus sunlight on pipes filled with oil. The hot oil flows through the system and heats water into steam, which in turn drives a turbine generator.

The SolSTES Array is 100 meters long, but it's a fraction of the size of a full-scale power plant. A typical solar

Corporation Steps Up Internal Environmental Efforts, Receives Numerous Awards

Along with helping customers to implement energy conservation solutions, the Corporation is intensifying its internal environmental focus.

"'Conserve today, preserve tomorrow' is the mission statement of our Go Green program," says David Constable, the Corporation's vice president of Energy, Environment, Safety and Health. "Our objectives are to reduce or eliminate adverse environmental impacts from our operations and to create more sustainable business practices. These are at the core of our comprehensive environmental and energy strategy."

For years, businesses across the Corporation have implemented practices and pursued projects that protect resources, conserve energy, reduce emissions and, in the process, save money. Now, more than ever, the Corporation has stepped up its efforts to improve efficiency and reduce waste.

In March, the Corporation announced it had reduced its total year-to-year water consumption by 11 percent in 2008. This equates to approximately 275 million gallons in water savings, which was achieved by focusing on facility and cooling system efficiency projects, detecting and repairing leaks, and installing landscape irrigation controls.

Water conservation is part of the Corporation's Go Green program that has established a 25 percent reduction goal for carbon emissions, waste and water use by 2012.

Along with the reduced water consumption in 2008, energy consumption was reduced by 3 percent, landfill waste was down 9 percent, and hazardous waste was reduced by 8 percent compared to the previous year.

In addition, the Corporation now has seven buildings that comply with the standards of the Leadership in Energy and Environmental Design (LEED) Green Building Rating System, which is the nationally accepted benchmark for the design, construction and operation of green buildings.

Systems Integration-Owego in Owego, N.Y., has become both a biofuel innovator and consumer. Last year, the business unit opened the Corporation's first biomass facility, which features a fully automated fuel supply and ash removal system. Using discarded wood pellets supplied by local lumber mills, the biomass facility supplies steam heat to the 1.6 million square foot site, reducing the company's carbon footprint by 9,000 metric tons and saving approximately $1 million annually in fuel costs.

At Lockheed Martin Space Systems in Sunnyvale, Calif., an on-site solar plant designed to reduce energy usage is expected to generate savings of 1.3 million kilowatt-hours of energy per year.

For their efforts, business units across the Corporation continue to earn recognition for environmental performance with facilities receiving numerous awards in 2008. Here are some of the recipients:

- Both Missiles and Fire Control in Grand Prairie, Texas, and Maritime Systems & Sensors (MS2) in Eagan, Minn., received Energy Star Awards in 2008. Conferred by the U.S. Environmental Protection Agency and the U.S. Department of Energy, these

array field, Myers says, would link multiple arrays and might cover 1,700 acres and generate 300 megawatts of power — enough electricity to supply about 65,000 homes.

"We believe that the large-system technology integration capabilities we have here at MS2 put us in a great position to be leaders in the concentrated solar power marketplace," Myers says. "It's very similar to building a radar, and there aren't many companies out there that have brought a systems engineering approach to these systems."

To bring the technology to the marketplace, MS2 has teamed with Starwood Energy Group, which is responsible for arranging long-term power purchase agreements with utilities, selecting sites, permitting, and providing construction and financing. MS2 is responsible for engineering, procurement, manufacturing and systems integration.

Myers says the team has several active proposals, and he expects the first deal to close within a year.

Concentrated solar power is particularly well suited for utility-scale plants, while photovoltaic panels, which convert sunlight directly into electricity, are increasingly popular for powering commercial buildings and homes, as well as some small-scale utility plants.

Another technology that is some years away but holds tremendous potential is space-based solar power. Lockheed Martin Space Systems is in the early stages of forming a program in conjunction with government and industry partners to develop a solar power system that operates where the sun is always shining — above Earth's atmosphere.

Around-the-clock access to sunshine with no weather outages, as well as the space-based system's ability to collect solar energy before any is lost to the atmosphere, makes it potentially four to eight times more efficient than systems currently on the ground, says Rick Halbach, Space Systems senior manager. After collecting the solar energy, the space-based solar power system would convert it to radio frequency energy and convey it efficiently and safely to the ground through large-aperture transmitters and collectors.

Related technology work, such as advanced photovoltaic solar cells designed specifically for use in space are being matured by Space Systems' Advanced Technology Center in Palo Alto, Calif. The ATC is also working on thermovoltaics and battery technologies for space applications.

Lenny Johnson, maintenance mechanic, at left, and Chris Myers, vice president of the solar energy program at MS2 in Moorestown, N.J., examine the frame for the solar test bed under construction, called Solar System Test and Engineering Site Array. The photo below shows the frame, which will hold the large mirrors.

Wind

The wind power industry enjoyed another record year in 2008, investing $15 billion and bringing more than 8,000 megawatts of power on line. That's good news for the WindTracer® team at Lockheed Martin Coherent Technologies, a Space Systems business unit.

A Dopper lidar (light detection and ranging) system developed to detect dangerous wind conditions at airports, WindTracer can also be used by wind farm developers to select locations with the strongest and most consistent winds.

It's much more effective than mast anemometers that are used to selectively sample specific points on a site, because it enables developers to map large spatial areas simultaneously while site prospecting and performing wind power production assessments.

Ocean

Lockheed Martin is involved in two areas of ocean-based energy: extracting energy from wave action and generating power

See Energy p. 6

"We became convinced about a year ago that energy is going to be the key to the national security of the United States. This is an area where Lockheed Martin can bring a lot of added value for our customers."

— Chris Myers, vice president of the solar energy program at MS2

annual awards recognize organizations that have made outstanding contributions to protecting the environment through energy efficiency.

- Lockheed Martin Space Systems in Denver, Colo., was recognized by the Colorado Department of Public Health and Environment for compliance with environmental regulations — the ninth year Lockheed Martin has been honored as a Gold Leader, which is the state's highest recognition.
- Space Systems in Sunnyvale, Calif., was named the winner of the 2008 Waste Reduction Awards Program. Given by the California Integrated Waste Management Board, the award recognizes Lockheed Martin's environmental commitment through the implementation of waste reduction and recycling programs.
- MS2 in Syracuse, N.Y., was recognized with the 2008 Industrial Wastewater Achievement Award from the Onondaga County Department of Water Environment Protection. And MS2 in Manassas, Va., was a 2008 winner of the Virginia E4 Environmental Excellence Program, which encourages superior performance through environmental management systems and pollution prevention.
- Four Lockheed Martin UK business units — in Farnborough, Farnham, Havant and London — were recently independently audited and awarded ISO 14001 by LRQA (Lloyd's Register Quality Assurance). ISO 14001 is a set of guidelines and requirements for how an organization makes arrangements for environmental management and determines its impact upon the environment.
- Aeronautics in Marietta, Ga., was a finalist in the state's Clean Air Campaign's 2008 PACE Innovator Award for electric vehicle use and savings associated with the program. Since the program's inception in 2007, approximately 43 tons of carbon dioxide have been avoided and more than 4,500 gallons of regular gasoline saved.
- Aeronautics in Fort Worth, Texas, received two awards from the City of Fort Worth Water Department. One award was for 12 years of 100 percent compliance with local, state and federal pre-treatment regulations. The second was a Pollution Prevention Award recognizing efforts for using materials, processes or practices that reduce or eliminate wastes and that protect natural resources and our environment.

These are just some of the ways the Corporation's environmental efforts are helping to both build a more sustainable future for the business and preserve resources and environments for future generations. "More success stories are on the horizon," Constable says. ■

INFO For more information about the Corporation's environmental initiatives, visit the Energy, Environment, Safety and Health Web site at **http://www.lockheedmartin.com/aboutus/energy_environment/index.html**.

Energy

Continued from p. 5

from the thermal differences between the surface and the ocean depths.

MS2 recently formed a partnership with Taiwan's Industrial Technology Research Institute and the state of Hawaii to develop a 10-megawatt Ocean Thermal Energy Conversion (OTEC) pilot plant. The team is also completing a study for the use of OTEC in Taiwan.

The plant will work by drawing warm surface seawater into an evaporator heat exchanger to boil a fluid with a low boiling point. The vapor from this "working fluid" drives a turbine that generates electricity and is then condensed back into a liquid when it passes through a heat exchanger cooled by seawater pumped up from the deep ocean. The seawater is discharged back into the ocean and the working fluid is pumped back to the evaporator to repeat the process.

Working OTEC systems have been built before, including one by the heritage Lockheed Martin Ocean Systems Division in Sunnyvale, Calif., in the 1970s. The small generating plant was the first successful floating OTEC system in the world.

The biggest challenge of building a utility-scale plant, such as the one planned in Hawaii, is manufacturing the pipe that draws cold water to the surface. The cold water pipe must be about 1,000 meters long and about 10 meters in diameter for a full-sized plant, and it must be strong enough to survive stresses ranging from buckling under external pressure (it's a suction pipe) to fatigue caused by being connected to the OTEC platform, which experiences wave-driven motion.

Because of their size, cold water pipes built in the past have often broken apart as they were being deployed to the plant site. Now, however, a Space Systems team has developed an innovative method for both fabricating and deploying the cold water pipe. Drawing on modern fiberglass technology and recent low-cost composite material manufacturing methods, the new fabrication process allows the pipe to be built directly off of the OTEC platform, essentially eliminating the deployment risk and reducing costs at the same time.

The Space Systems team, which includes experts from the company's Advanced Technology Center and the Engineering Development Laboratory, performed a successful proof-of-principles demonstration last year, reports Alan Miller, the Lockheed Martin lead for the cold water pipe subsystem.

Last October, DOE awarded MS2 a cooperative agreement contract with a maximum value of $1.2 million to take the next step by scaling up the new method to produce a pipe of the necessary diameter for a pilot plant.

Meanwhile, Space Systems' Michoud (La.) Operations, which manufactures the space shuttle's external tank, also is contributing to the OTEC effort by lending some of its welding expertise to the fabrication of the OTEC system's heat exchangers.

Regarding ocean wave energy, MS2 announced in January that it is collaborating with a company named Ocean Power Technologies (OPT) to develop a utility-scale wave power generation project in North America, probably off the West Coast.

OPT has developed a buoy system that is moored to the ocean floor and generates electricity as the top portion of the buoy moves up and down with the waves. You can see the concept in action at http://www.oceanpowertechnologies.com/tech.htm.

OPT will bring its PowerBuoy® technology to the project, build the power take-off and control systems of the plant, and provide its project and site-development expertise. MS2 will provide construction, systems integration and deployment of the plant, as well as operations and maintenance services.

"One of the neat aspects of OTEC and wave energy is how well they complement each other," says Rich Lockwood, MS2's vice president of New Ventures. He explains that the "sweet spot" for OTEC systems is near the equator, where temperature differentials are the greatest, while wave energy tends to be stronger in cooler waters.

"Taken together, they have the potential to provide a reliable and renewable energy resource over many parts of the globe," Lockwood says. "And a key point is that it's baseload power that doesn't have some of the grid integration challenges of variable sources."

A Doppler lidar (light detection and ranging) system developed to detect dangerous wind conditions at airports, WindTracer can also be used by wind farm developers to select locations with the strongest and most consistent winds.

Biofuels

Yet another alternative energy being pursued by MS2 on a large scale is synthetic fuels, or biofuels. MS2 has teamed with another New Jersey company that expects to complete a pilot facility to demonstrate the core technology this spring. The company will then build a demonstration facility, with MS2 as the subcontractor. The next step will be a full commercial plant at which MS2 would serve as the engineering, procurement and construction contractor.

The plant will take a non-food material and form it into pellets, which are then converted into a synthetic gasoline that is 91-92 octane quality. Lockwood says the company is committed to using biomass sources that are not used for food.

The MS2 team is using a thermochemical process that gasifies biomass, turning it into a steam that can be further converted into fuels, but another process being explored for commercialization converts cellulosic material into sugars that can then be fermented into biofuels. One big challenge in that process is that the cellulose in biomass such as corn stalks and switchgrass is not easily broken down.

Grid management

While Lockheed Martin companies are involved in many areas of alternative

The Power Management team at Missiles and Fire Control has developed several portable battery products for effective energy storage. Here, Senior Electrical Engineer David Hoelscher checks out a power pack that can be worn by soldiers.

energy generation, they also are pursuing business opportunities for better management of power supply, demand and distribution.

The Energy Solutions group at Lockheed Martin IS&GS-Defense is tapping the Corporation's command-and-control and system integration expertise to design products that help power companies manage their enterprises more efficiently. In doing so, the companies are able to meet demand with less generating capacity or off-grid power purchases.

At the 2009 DistribuTECH industry conference, Energy Solutions created a buzz with its Smart Energy Enterprise Suite™ , a product that provides enterprise views by integrating information from legacy systems into real-time displays to increase energy reliability, reduce operating costs and improve regulatory compliance. In two and a half days, the Energy Solutions team performed more than 60 product demonstrations to energy companies from around the world.

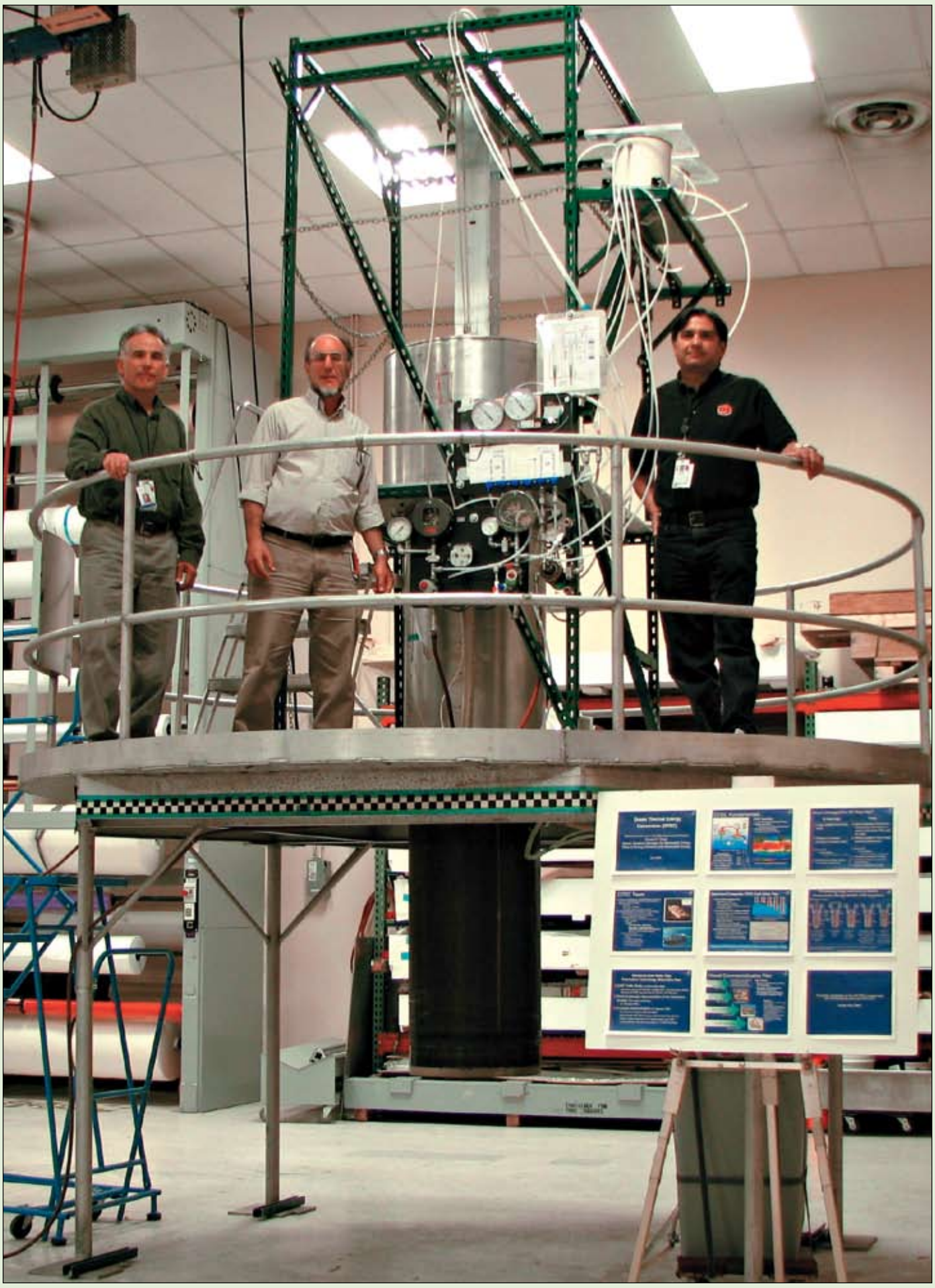
As individual utilities become "smarter," the nation's entire power grid can operate more efficiently, says Mike Aspenson, IS&GS-Defense vice president for Systems Integration, which includes Energy Solutions.

"The cost and demand for energy is going up, there is a need for improved grid reliability and security, assets are aging, we need to decrease the nation's carbon footprint and there are new technologies that enable us to meet these challenges," he says. "The confluence of all these factors is pushing the development of smart grid technologies forward, and Lockheed Martin's command-and-control and information management capabilities are a great fit for enabling this transformation."

Aspenson adds that smart grid technologies also will help new renewable and distributed power generation sources, such as solar and wind, integrate more effectively into a power grid that currently finds it challenging to incorporate power from sources other than traditional base-load generating plants.

Recently, the Enterprise Information Group within IS&GS partnered with Penn State University to develop innovative solutions to tackle critical national energy challenges, specifically funding smart grid research and development this year.

Missiles and Fire Control (MFC) is another Lockheed Martin company that is pursuing grid management solutions, but its efforts are focused at a smaller scale. The Power Management group at MFC is creating a micro-grid laboratory where it will develop software that allows installations such as refugee camps and forward military bases to manage power more efficiently and incorporate alternative energy sources more effectively.



Shown with the proof-of-principle apparatus for the OTEC cold water pipe fabrication are, from left, Senior Research Analyst Ted Rosario; Senior Materials Engineer Alan Miller, OTEC cold water pipe subsystem lead; and Research Analyst Mike Garcia. A portion of the subscale pipe is emerging from the bottom of the apparatus where it is being built at Space Systems' Engineering Development Laboratory.

Energy efficiency

Just as smart grid technology can help reduce excess power generation, so can conservation on the part of power company customers, notes Tom Grumbly, vice president of Energy and Security Services at IS&GS-Civil.

"Energy efficiency is the fifth fuel, along with petroleum, coal, nuclear and alternative energy," Grumbly explains. "Here's a way we can reduce demand by 15 to 20 percent and postpone the need to build more power plants."

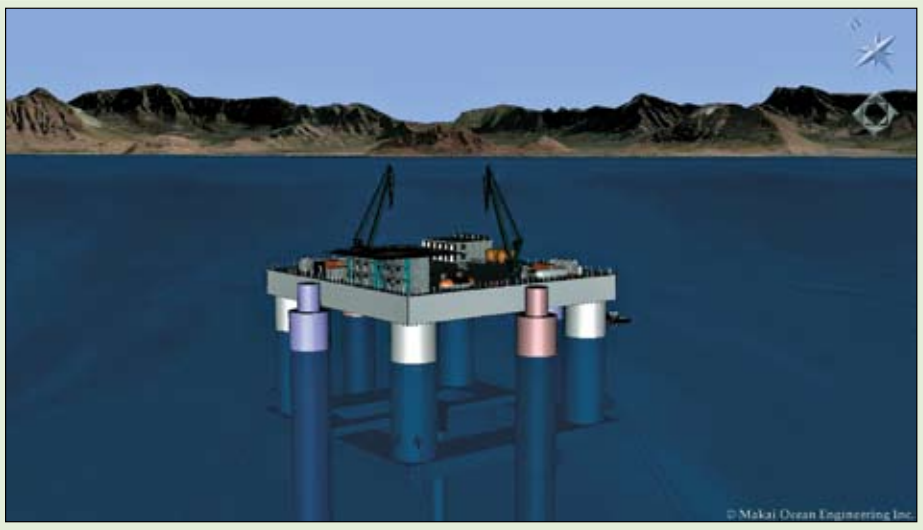
The business potential of energy efficiency is evident in the fact that IS&GS has grown its energy services from a $10 million sideline two years ago into a $100 million a year line of business today, making Lockheed Martin one of the nation's largest implementers of energy efficiency programs for utility customers.

Grumbly's group currently works with the New York State Energy Research and Development Authority, Energy Trust of Oregon, Pacific Gas & Electric Co., Southern California Edison

See Energy p. 8

"One of the neat aspects of OTEC and wave energy is how well they complement each other. Taken together, they have the potential to provide a reliable and renewable energy resource over many parts of the globe. And a key point is that it's baseload power that doesn't have some of the grid integration challenges of variable sources."

— Rich Lockwood, vice president of New Ventures at MS2



An artist's concept shows the Ocean Thermal Energy Conversion plant, which works by generating power from the thermal differences between the surface and ocean depths.

Energy

Continued from p. 7

Co., AmerenUE and several other utilities throughout the United States.

Typical of the opportunities being pursued by Energy and Security Services, the AmerenUE contracts signed last August call for the implementation of more than a dozen energy efficiency programs for the utility's 1.2 million business and residential electric customers.

In December, Energy and Security Services became one of 16 businesses that will compete for Energy Savings Performance Contracts (ESPC) under DOE's Federal Energy Management Program. The ESPC program allows agencies across the government to issue task orders for facility-specific projects to lower their energy costs. The program allows for spending of up to $80 billion over the 11-year period of the contract.

"Because of the intimacy Lockheed Martin has with the Department of Defense and other federal agencies, we're in an excellent position to know where the opportunities are for energy efficiency upgrades," says Grumbly, who encourages Lockheed Martin employees to share their ideas.

At the 2009 DistribuTECH industry conference, the Energy Solutions group at Information Systems & Global Services performed more than 60 product demonstrations to energy companies from around the world.

Energy storage

Another group of technologies that is important to the efficient use of energy is related to storage. Effective energy storage makes power portable (in the form of batteries) and also allows more efficient balancing of supply and demand.

The Power Management team at MFC has developed several battery products, ranging from a personal power vest for soldiers that incorporates a lithium ion battery and fuel cell technology, to a scalable central energy storage unit that could be used to supply power to larger sites in the field. *(See LM Today, January 2009.)*

Looking ahead, the MFC Power Management team plans to incorporate new battery technologies into its products as they become available. It has partnered with EEStor, a small company that has patented ultra-capacitor technology that MFC believes could be a game-changing technology in the power management field. EEStor technology could provide 10 times the energy density of lead acid batteries at 1/10th the weight and volume.

MFC also supports the nuclear energy community, on both the commercial and DoD sides, with safety-critical control room solutions and services for power generation.

At Space Systems, meanwhile, engineers are maturing technology to support solar power and fuel cell energy storage to power military air vehicles for continuous, unattended operation at high altitudes. The technology could greatly reduce fuel consumption for high-flying surveillance vehicles, such as the ISIS High Altitude Air Ship developed by the Defense Advanced Research Projects Agency, and enable long-duration missions. Space Systems hopes that the solar power and fuel cell energy storage systems it develops will eventually be used in a variety of applications on the ground.

MS2 also is pursuing new fuel cell solutions that are more efficient, cleaner and able to use several different fuel options. Because fuel cell technology is a competitive arena, the company is building relationships with universities and partnering with companies that already have technology in these areas.

> *"Energy efficiency is the fifth fuel, along with petroleum, coal, nuclear and alternative energy. Here's a way we can reduce demand by 15 to 20 percent and postpone the need to build more power plants."*
>
> ***— Tom Grumbly, vice president of Energy and Security Services at IS&GS-Civil***

Exploration

By building on U.S. Navy technology, MS2 anticipates an opportunity to use gravity gradiometer technology to determine differences in earth density. This offers potential in mineral and oil exploration. For example, the technology can be used in oil exploration to increase the amount of oil that can be gathered from a well.

Current technology allows approximately 40 percent of the oil to be mined. The gravity technology could increase that to 90 percent.

In all of these ways, Lockheed Martin companies are leaping to the forefront of energy technologies and finding innovative ways to develop alternative energy sources and help customers identify and implement energy conservation solutions. The need for high-level capabilities in complex systems integration, information technology, and advanced manufacturing techniques — along with the national security component of the effort — make energy solutions a natural fit for many Lockheed Martin companies seeking new areas of business growth. ■

INFO For more information, contact communicator Anna DiPaola Gemolas at **anna.dipaola@lmco.com**, 301-519-6554.

Secure Partnership

Government, Lockheed Martin team to provide U.S. Navy security services

Lockheed Martin companies often form teams with outside partners to compete for customer contracts, but a new teaming arrangement involving Lockheed Martin Technical Services is unusual: The partner is the customer.

The Department of Defense has awarded a contract for non-guard security support services at 79 U.S. Navy installations to an organization composed of both government civilian personnel and Lockheed Martin employees.

Serving as a subcontractor to Integrated Security Support Solutions (IS3), a newly created government "Most Efficient Organization" (MEO), Technical Services will receive $350 million for initial task orders, and it has the potential to earn up to $112 million in additional indefinite delivery/indefinite quantity task order work over a period of five years.

Under the task orders, Lockheed Martin will provide commercial and mobile vehicle inspections, armory and ready-for-issue services, pass and ID support services, and explosive detection dog services at installations throughout the United States and Guam.

"It is a privilege to support the Navy customer," said Carey Smith, vice president of Technical Services, Lockheed Martin Readiness & Stability Operations. "When we provide excellent security support to these installations, they can focus on carrying out missions that are critical to the United States. That's a responsibility we won't take lightly."

IS3 represents the first collaborative effort within DoD between an enterprise-wide MEO and a private industry company to compete as a single offeror under the rules of the Office of Management and Budget. ■

INFO For more information about the Integrated Security Support Solutions contract, contact communicator Tom Casey at 301-543-5536, **thomas.h.casey@lmco.com**.

Career Path appears periodically to highlight individuals with unique, interesting and successful careers at Lockheed Martin.

Early Success

LMUK's Paul Livingston set course for career trajectory at young age

For a 19-year-old aspiring engineer from a small town on England's Sussex coast, few things could be more exciting — or daunting — than traveling abroad to work in the heart of California's booming Silicon Valley in the late 1980s.

But instead of behaving like a wide-eyed teenager away from home for the first time, Paul Livingston dove into his job as an image generation engineer on the Harrier Jump Jet flight simulator program with enthusiasm and a determination to soak up as much knowledge as possible.

In doing so, he set the pattern for a career that has recently led him to the latest in a succession of exciting and challenging posts. Livingston is the new manager of all business development and capture activity at Lockheed Martin UK Simulation, Training and Support, as well as STS's director of international market development for the United Kingdom and Europe.

"For me, having a successful career means not being afraid to take on big challenges," says Livingston from his London office. "There are a lot of people on this planet who dread coming into the office for another day and can't wait for the weekend to come, but I've been lucky never to really be in that position. I'm consistently excited about what every day brings."

And he has had his share of exciting days. Livingston began his professional career at the tender age of 17 as an apprentice engineer for Singer Link-Miles, a British simulation technology developer.

After he completed his two-year apprenticeship, the company offered him an opportunity in 1989 to work for a year at its Advanced Projects Operations in Sunnyvale, Calif., on the Harrier simulator, and he jumped at the chance. He was part of a team that developed the test and integration plan for the Harrier simulator's eye-slaved visual system, the world's first.

"It was a chance to go out there and work with some of the world's best technology engineers," he recalls. "At that time in the late '80s, the Silicon Valley was attracting a lot of brainpower, and I was able to learn an awful lot from them. That was a very significant step in my career."

Upon returning to England, Livingston continued with the Harrier program until 1995, when his future suddenly became uncertain. Link-Miles had been acquired by Thomson-CSF and was merged with another Thomson acquisition to form a new training and simulation business unit.

"Some people look at an acquisition or merger as a threat and try to protect themselves and their current role, but to me it's the polar opposite," he says. "I looked for where I could go to help the new organization achieve more than they were already achieving."

His positive attitude yielded almost instant results, as he was appointed to his first management position, in charge of clearing a backlog of warranty work at customer sites literally around the world. He was given 18 months and $6 million to get the job done, but his team finished the work in just 10 months and at half the cost.

Livingston was continuing to advance through a series of career moves when he was offered an opportunity to return to the United States in 2000, as U.S. military business development manager, to work on a program in conjunction with Lockheed Martin Simulation, Training and Support in Orlando, Fla.

Although his daughter was just five weeks old at the time, he and his family packed up and moved to Orlando for five months.

"If I hadn't taken that assignment, I wouldn't be where I am today," he says, because it was the very next year that he was offered a job as head of business development to start up the flight training business at LMUK STS.

In his new position, he led business development activities on the UK Military Flying Training System (MFTS), which resulted in a high-profile win in 2006 for a Lockheed Martin joint venture company to deliver all undergraduate military flying training for the United Kingdom's Armed Forces.

Aided in no small part by the MFTS contract, Lockheed Martin STS's business opportunities in the UK have grown dramatically since Livingston first joined the company, and he sees much more opportunity in the future.

"We have a company that is much more integrated," Livingston says. "We're sharing information and really working together, so that when somebody wins, we feel like it's a win for all of us. That makes us much more effective in capturing new business here in the UK and I believe positions us well in the rest of Europe."

He acknowledges that growth won't be easy in the months and years ahead, because of tight military budgets, but he quickly adds that there will continue to be opportunities for a company with the right approach.

"We have to do things a little differently," he says. "We can sell services, not just hardware, for example, and pursue long-term contracts. People who sit at home and wait for contracts to come in are going to have a tough time. But if we can offer better solutions and better technology, delivered as value-added services, we're going to remain ahead of the game." ■

INFO Paul Livingston can be reached in England at +44 7900 221454 or **paul.livingston@lmco.com**.

"I'm consistently excited about what every day brings," says Lockheed Martin UK's Paul Livingston.

"We have a company that is much more integrated. We're sharing information and really working together, so that when somebody wins, we feel like it's a win for all of us. That makes us much more effective in capturing new business here in the UK and I believe positions us well in the rest of Europe."

— Paul Livingston, director of international market development, Lockheed Martin UK Simulation, Training & Support

As part of his current business development role, Paul Livingston, left, greets Lt. Gen. Andrzej Blasik, commander of the Polish Air Force, at the Warsaw Airshow.

Spotlight

Continued from p. 2

Corporation Receives Two Nunn-Perry Awards

Lockheed Martin was recently given two 2009 Nunn-Perry Awards for participation on two teams in the U.S. Department of Defense Mentor-Protégé Program with Geodetics, Inc., of San Diego, Calif., and Angeles Composite Technologies, Inc., of Port Angeles, Wash. Lockheed Martin has received six Nunn-Perry Awards in the last three years.

The Mentor-Protégé Program encourages large contractors to assist small businesses in competing more effectively for defense-related work. The Nunn-Perry Award, named in honor of former U.S. Sen. Sam Nunn and former Secretary of Defense William Perry, recognizes outstanding mentor-protégé teams that excel in technical developments and cost efficiencies, as well as increase business.

A woman-owned, small business, Geodetics, Inc., began a mentor-protégé relationship with Lockheed Martin in 2004. Geodetics specializes in advanced Global Positioning Satellite technology. Lockheed Martin Maritime Systems & Sensors assisted Geodetics, Inc., in developing the skills needed to bring its product to market and manufacture it in large quantity and high quality. The Lockheed Martin-Geodetics, Inc., team is sponsored by the Joint Robotics Office of Space and Naval Warfare Systems Center, in San Diego, Calif.

Accepting the award for the Lockheed Martin and Geodetics team are, from left, Hank Valentine, HPO president; Bill Munslow, Lockheed Martin OTEC and MS2 DoD Mentor Protégé program manager; Robyn Snyder, Lockheed Martin MS2 Supplier Diversity program manager; Kai Yee, Lockheed Martin systems architect and chief engineer, DoD Mentor Protégé program; Jeffrey Fayman, vice president of Business and Product Development, Geodetics Inc.; and Lydia Bock, president and CEO, Geodetics Inc.

Angeles Composite Technologies, Inc. (ACTI) is a small disadvantaged business specializing in highly contoured aircraft composite parts. Involved in a mentee relationship with Lockheed Martin Aeronautics since 2006, ACTI provides the Department of Defense with enhanced capability to acquire, maintain and sustain sophisticated weapon systems using the latest manufacturing technology. The Lockheed Martin-Angeles Composite Technologies, Inc., team is sponsored by the U.S. Air Force. ■

Accepting the award for the Lockheed Martin and ACTI team are, from left: Carol Linwood, Lockheed Martin Aeronautics (Aero) director of Airframe Procurement; David Gonzalez, Aero Production Operations subject matter expert; Linda Zimmerman, Aero director of Composite Structures and Electrical Components Procurement; Dale Luther, ACTI engineering manager; Timothy Douglas, U. S. Air Force director of Small Business Development and Support Programs Division; Michael Pestrikoff, ACTI director; James Campbell, Aero Mentor-Protégé technical project manager; Samuel Evans, Aero director of Small Business and Non-Production Procurement; Sharon Dougherty, Aero manager of Mentor-Protégé Program; Shane Smith, Aero Mentor-Protégé Procurement technical lead; Michael Rauch, ACTI president and chief executive officer; Aaron Schutt, ACTI chairman of the board; Tiffany Bussey, Morehouse College Entrepreneurship Center, director of Government Programs; and Gary Bailey, Aero vice president of Material Management.

HIMARS Launcher Fires Air Defense Missile

A High Mobility Artillery Rocket System (HIMARS) launcher successfully fired two Advanced Medium-Range Air-to-Air Missiles during a U.S. Army "common launcher" feasibility demonstration at White Sands Missile Range, N.M., in March. The test was conducted to examine the viability of firing an air defense missile from the currently-fielded HIMARS. In addition to its capability to support multi-mission munitions, the HIMARS launcher offers tactical flexibility, high reliability and C-130 airlifter transportability. HIMARS is the newest member of the Multiple Launch Rocket System family, and offers MLRS firepower on a wheeled chassis with onboard fire control software.

The Center for Leadership Excellence — a 300,000-square-foot conference center and lodging facility — is located adjacent to Corporate Headquarters in Bethesda, Md. The CLE is designed to support leadership training, professional development courses, business meetings and conferences. The photo above shows the facility from the front, and on the left is the back view showing the conference area and lodging tower.

New Facility Serves As Official Center For Meeting And Training

The Corporation's investment in the new conference center and lodging facility has raised the following question from employees: "If we hold a conference in Bethesda, do we always have to stay at the Center for Leadership Excellence?" And the answer is "Yes, if space is available, and it meets your needs."

Section 3.5 of the Corporate Policy Statement CPS-418: *Business Meetings and Entertainment* states: "Business and group meetings planned in the Bethesda area are required to be held at the Center for Leadership Excellence, co-located with Corporate Headquarters, if space is available."

In addition, the Lodging section (6.51) of CPS-417: *Business Travel* states that individuals having a business destination within a 10-mile radius of the CLE are required to stay there, if space is available.

"While it is the quality of the experience that will bring employees and events back again, the intent of the policy is to optimize use of the facility to maximize its value to the Corporation and our customers," said Chris Kearns, CLE operations director.

Making reservations at the CLE has been made easy by Corporate Travel, says Richard Wooten, director, Global Travel and Meeting Services.

"We have configured the Travelocity Business online booking tool to display rooms at the CLE whenever they are available," Wooten says. "Employees traveling to the Bethesda area on business should first check availability at the CLE before booking at a hotel."

"The CLE is displayed within the system just like any lodging facility, and employees will receive a confirmation and itinerary for their stay," Wooten says. "Additionally, the system will automatically add the employee's identification information into the Corporate Headquarters visitor management system so that they will be able to gain access to the facility." ■

INFO For general information about the CLE, contact the Reservations Staff via e-mail at **reservations.dp-corp-cle@lmco.com**. For event requests, e-mail the Conference Services staff at **conference-services.dp-corp-cle@lmco.com**.

CLE

Continued from p. 1

is that. It is an example of our commitment to lifelong learning, to building the best professional workforce that we possibly can, and to assuring that our company maintains a leadership role, across the globe, in the 21st century," Stevens said.

A 300,000-square-foot conference center and lodging facility located adjacent to Corporate Headquarters, the CLE is designed to support leadership training, professional development courses, business meetings and conferences. It has more than 50,000 square feet of conference and event space, including large classrooms, meeting rooms, a 248-seat auditorium, a multipurpose atrium, restaurants and a lodging tower with 183 guest rooms.

The "keys" to the facility were officially turned over to CLE Operations Director Chris Kearns. "Our team is proud to deliver an exceptional guest experience that complements the investment in our future leaders," Kearns said. ■

INFO A complete list of CLE amenities, conference scheduling and more can be found on the CLE Web site at **https://cle.global.lmco.com**.

Australia's First Aegis Weapon System Ready For Post-production Testing

Four antennas destined for Australia's first Air Warfare Destroyer, shown below, were recently installed in Lockheed Martin's Aegis Production Test Center in Moorestown, N.J. In the photo at right, an employee guides one of the four SPY-1D(V) radar antennas into place, signaling the shift from production to testing. When testing concludes in November, the full Aegis Weapon System will be ready for installation in HMAS Hobart, the first of three Australian Air Warfare Destroyers under contract. The Aegis Weapon System detects, tracks and engages targets ranging from sea-skimming cruise missiles to ballistic missiles in space. The 91 Aegis-equipped ships currently in service around the globe have more than 1,100 years of at-sea operational experience and have launched more than 3,500 missiles in tests and real-world operations. Aegis is now the maritime weapon system selected by six countries: the United States, Japan, Norway, South Korea, Spain and Australia.

And The Winners Are…

Top entries announced for 2009 Arts & Film Festival

Winners have been announced in the 2009 Arts & Film Festival, a celebration of the creative arts to promote ethics, diversity and good leadership. This year's entries came from across all business areas both domestically and internationally as well as Enterprise Operations. Participants used a variety of creative media to produce posters, videos, photographs, poems and other works of art, with a focus on ethics, diversity and Full Spectrum Leadership.

The top five entries are:

- "Ethics/Integrity" – a poster by Ross Williams, Systems Integration-Owego, N.Y.
- "The Color of Diversity" – a poster by Kimberly Greenough and Ryan Camien, Enterprise Business Services, Thornton, Colo.
- "Brian's Big Decision" – a children's book by Andrew Thill, Brian Flood and Kevin Clark, Information Systems & Global Services (IS&GS), Sterling, Va.
- "Possibilities Within Lockheed Martin" – a painting by Natalie Pitts, IS&GS-Defense, Alexandria, Va.
- "The Ethical Minefield" – a video by Tim and Josh Peterman, Enterprise Business Services, Moorestown, N.J.

The top international entry is:

"Tree of Ethics" – a video by Philip Xavier and Sivaprakash.R, PAE, Dubai, United Arab Emirates

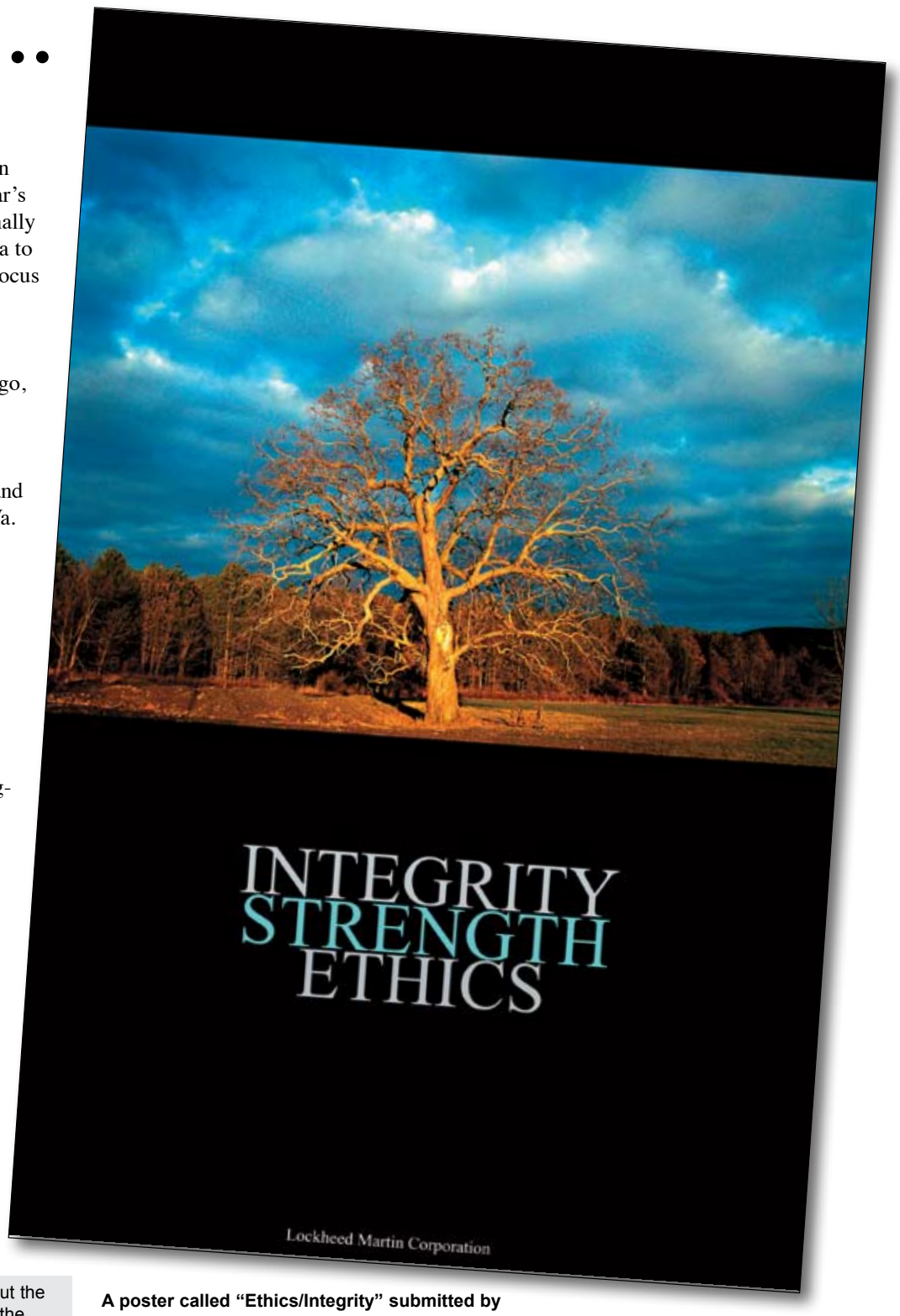
"The entries were excellent again this year," said Alice Eldridge, the Corporation's vice president of Ethics and Business Conduct. "The final judging was challenging, with a lot of discussion on many of the entries."

"I continue to be impressed by the commitment of Lockheed Martin employees to the interrelated issues of ethics, diversity and Full Spectrum Leadership. I want to thank all the participants for their contributions this year and to encourage everyone to consider sharing their talents in the 2010 Arts & Film Festival."

In addition to the top entries, the judges selected the following six entries for honorable mention:

- "Definitions" – a poem by Sharon Blair, IS&GS, King of Prussia, Pa.
- "The Presentation" – a video by Steve Miller, IS&GS-Civil, Rockville, Md.
- "Right Way to Success" – a diorama by Gerald Brown, Teena Roberson, Lisa Niccum, Debbie Hodgdon, Ashley Lewis, and Sherri Spanier, Missiles and Fire Control, Ocala, Fla.
- "Different, Yet Connected" – a poster by Bruce Raksnys, IS&GS, San Diego, Calif.
- "The Puzzle of Diversity" – a poster by Marian Bumala, Space Systems-Advanced Technology Center, Palo Alto, Calif.
- "Were You as Lucky as Me?" – a poem by Deatra Lopez, IS&GS-Intelligence, Upper Marlboro, Md. ■

INFO For more information about the Arts & Film Festival, visit the Ethics Web site at **http://ethics.corp.lmco.com** or contact your local Ethics officer.



A poster called "Ethics/Integrity" submitted by Ross Williams, Systems Integration-Owego in Owego, N.Y., is one of the top five winning entries in the 2009 Arts & Film Festival.

Ethics Office Launches New Web Site

The Office of Ethics & Business Conduct has revamped its Web site, making it more user friendly by providing easier access to the topics that are most often requested.

On the site you'll find answers to such questions as:

- *How do I report an ethics issue?*
- *How does the ethics process work?*
- *Who is my ethics officer?*

And much more.

The Ethics office invites employees to visit the site at **http://ethics.corp.lmco.com/ethics/home.cfm** to see the new features and provide feedback.

Visit the newly updated Ethics Web site at http://ethics.corp.lmco.com/ethics/home.cfm.

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