

100-Bed Mobile Field Hospital Dedicated to Anthrax Victim

On Wednesday, April 5, the state of Connecticut dedicated a mobile field hospital to elderly Connecticut resident Otilie W. Lundgren, nearly five years after she died due to inhalation anthrax in 2001.

"We thought it fitting that her name be associated with this readiness tool," said Leonard Guercia, chief of the operations branch of the state Department of Public Health. The hospital, called the Otilie W. Lundgren Memorial Field Hospital after the 96-year old former Connecticut resident, assembles in hours and can be ready to triage up to a hundred patients at a time during any public health emergency. It was specifically designed to be used for large-scale disasters, where emergency crews are expected to be on the ground for a long time, such as during the 1987 collapse of L'Ambiance Plaza in Bridgeport, or in a situation where people need to be quarantined due to biological or chemical agents.

The \$8.25 million dollar hospital is roughly the size of a football field and can be used by itself or broken into four 25-bed units with electricity, heat, air conditioning, fresh water, showers and bathrooms. The hospital would provide bed surge capacity, isolation capacity and an emergency/disaster

"We can go anywhere. We can set up anywhere. There is nothing like this currently in the United States."

- CT Dept. of Pub. Health Commissioner



medicine training facility for both the civilian and military healthcare delivery workforce. During long-term deployments, resources from the state's 31 acute care facilities would staff the hospital.

"We can go anywhere. We can set up anywhere. There's nothing like this currently in existence in the United States," said Dr. J. Robert Galvin, commissioner of the Department of Public Health who spoke at the event, held on the Capitol Lawn in Hartford.

A. Jon Prusmack, CEO and founder of DHS Technologies, the parent company for Reeves EMS, congratulated the state on its decision to purchase the hospital, saying, "Just as Connecticut in the 17th century was the first state to have a public institution, today the state is also the first to provide its citizens with this type of facility."

Ms. Lundgren's niece Shirley Davis wept as she received the dedication and a bouquet of flowers on behalf of the Lundgren family. She said, "I am so thankful. I am proud of my state. I am proud to live here, and I am proud that we are first in the country."

Investigators believe that Ms. Lundgren died after opening anthrax-contaminated mail. They have not yet determined who was responsible for sending the anthrax, which also sickened 17 other people.



Left: The DRASH shelter set up on the Connecticut Capitol Lawn. Above: Otilie Lundgren's niece Shirley Davis embraced by her daughter after speaking at the field hospital dedication (photo reprinted courtesy of the *Hartford Courant*).

Event Features Latest in Emergency Response Equipment

More than 180 emergency medical and fire personnel, healthcare professionals as well as state and local officials attended the 2006 Emergency Preparedness and Response Expo (EPARE) at the Dorton Arena in Raleigh, NC on Tuesday, February 28.

Sponsored by Reeves EMS and South-eastern Emergency Equipment, the event featured the latest technology in patient monitoring systems, rapidly deployable de-

contamination shelters, medical facilities, emergency vehicles and mass casualty incident trailers. Additionally, attendees had the opportunity to talk with company representatives and learn more about the various emergency response equipment.

A highlight of the event was a presentation by Connecticut Department of Public Health Operations Branch Chief Leonard Guercia. Mr. Guercia updated participants on the progress of Connecticut's new state-of-the-art 100-bed mobile field hospital, which will enable medical personnel to serve patients with any type of infectious disease, as well as those with injuries suffered as a result of natural disasters or terrorist events.

Mobile medical field hospitals, or RDME, systems are emergency medical treatment facilities designed for on-scene use

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immediately after a natural or man-made disaster. Functioning independently or with any existing medical unit, RDMF systems can be adjusted in size to fit the magnitude of any incident and are completely operational within minutes. In addition, integrated electrical, lighting and environmental control technologies provide a hospital-like environment at a fraction of the price and operating costs of hard-walled systems.

EPARE attendee Bob Wray, from the Guilford County EMS department commented that the ability to see the products helped his department visualize and conceptualize the types of emergency management they could accomplish.



According to Robert Caldwell of Rockingham County's emergency medical department, the products showcased at the event would prove to be very helpful to anyone in the emergency medical field.



Exhibitors and sponsors at the event included Reeves EMS, Southeastern Emergency Equipment, DHS Systems, Casualty Transport Systems, Emergent Respiratory Products, Laerdal Medical Corporation, Lakeland Industries, Inc., Mifflin Valley Reflective Apparel, North Safety Products, Philips Medical Systems, RxAir Air Purification, and Welch Allyn.

To find out more about future events, visit www.epareexpo.com.

PRODUCT WATCH



Reeves Isolation Shelter

The Reeves positive/negative pressure isolation shelter fuses patented shelter technology with a five-stage HEPA filtration system to form a portable, all-weather solution to biological outbreak isolation. Providing from 170 to 420 square feet of usable space, the Reeves Isolation Shelter holds up to eight patients at a time, and can be set up within minutes of arrival at the incident scene without using special tools or dealing with loose parts. The Isolation Shelter comes complete with a biologically secure staff anteroom to allow for a donning and doffing area for medical personnel as they enter or exit a shelter. A window in the anteroom and windows on both sides of the shelter allow for viewing of patients without entering the isolation area. The two-ply soft-walled shelter vinyl wall connected tightly to the shelter floor ensures thermal insulation as well as complete containment of any airborne infectious agents. Included with the system is a RxAir™ 6500-EM all-weather Air Purification System that provides negative or positive air pressure and maximum filtration for optimized air flow and complete odor control.



SHELTER

Cover: Contains both interior and exterior cover to provide thermal insulation. External cover is fire retardant, mildew resistant and waterproof.

Frame: Patented design allows for shelter setup without the use of special tools.

Windows: Windows facing isolation room from both the anteroom and outside of the shelter allow for viewing without entering the room.

Anteroom: Biologically secure staff anteroom allows for donning and doffing of gear before entering or exiting isolation room.

AIR FILTRATION UNIT

Air Flow: 2,500 CFM for maximum air filtration (optional 1,250 CFM unit also available) provides greater than CDC requirement of 12 air changes per hour for 12,500 square feet. Model 6S air-flow is greater than 40 air changes per hour.

Filtration: 99.99% @ 0.3 Microns

Dimensions: 33" W x 41-1/8" L x 63" H

Weight: 280 lbs

UV-C: Ozone Free Germicidal UV @ 253.7 nm

Power: Three-phase, 230 VAC 8A; 60Hz Filter: Five-stage, patented HEPA filtration system includes external and internal filters for optimum air purification and activated carbon for gaseous adsorption and odor control.

Pressure: Maintains positive or negative pressure greater than 0.01 wg for isolation to meet CDC Guidelines for Infection Control. Variable pressure range set by operator.

Control Panel: Automatic pressurized control panel includes power indicator light, pressure monitor, check filter indicator and alarms.

NYC Medics Bring Shelters to Earthquake Area

Created last year to bring aid to the victims of the South Asian Earthquake of 2005, NYC Medics is a not-for-profit organization of volunteer physicians and paramedics dedicated to providing medical care to alleviate the suffering caused by natural disasters and other humanitarian crises worldwide.

As part of their relief efforts, NYC Medics brought three DRASH 6XB Shelter Systems to Northern Pakistan at the beginning of this year, using them as hospital facilities to treat up to 20 patients at a time. According to NYC Medics Executive Director and founder Nick Lobel-Weiss, the

“People were blown away by the fact that Americans were donating time and technology to help them.”

—Nick Lobel-Weiss

shelters were a big help because of their built-in climate control features, replacing existing dimly-lit, mold infested tents in cold winter conditions.

“The tents were such a success that many patients wanted to spend time in them even when they were not sick,” says Nick.

NYC Medics left two of the shelters with the Ministry of Health in Pakistan, and they are currently being used near one of the most devastated areas in the country. Not surprisingly, the donation ended up making a huge impact on behalf of the United

States’ Government.

“People were blown away by the fact that Americans were donating time and technology to help them,” says Nick. “It’s definitely a way to make an impact in the world.”



Photo by Phil Suarez

One of three shelters set up as a NYC Medics clinic



Photo by Phil Suarez

Earthquake victim in a DRASH treatment facility

Reeves Portable Shower System

Establish shower facilities anywhere using the light and compact Reeves Shower System. Created by coupling patented shelter technology and state-of-the-art water supply systems, this unique, independently operational design includes private shower stalls, a common wash area with wash basins and benches.

Raised flooring throughout the facility and a water containment berm that fits on the outside perimeter ensure that water is contained within the entire system. An automated wastewater remover pump automatically turns on whenever water is present and turns off when the water level is below a quarter inch. Heated water can be delivered from any fixed water source or pressurized delivery pump, including fire hydrants, water or fire trucks.

The Reeves Shower System is lightweight, portable, and can be set up within minutes, making it the ideal accessory for first responders, fire professionals, the military or anyone else needing life support facilities at a moment’s notice.

Give us a call at 800.328.5563 to talk with a representative about these products or to schedule a product demonstration for your organization.



How Ready Are We Really for This Year's Hurricane Season?

On May 22, 2006, NOAA, the National Oceanic and Atmospheric Association announced that the next few months could bring a very active hurricane season, predicting at least four to six Category 3 hurricanes this year. With last year being the obvious exception, the average number of Category 3 hurricanes in previous seasons has averaged at only two per year.

To combat the upcoming disasters, readiness will be key, and while rescue workers in the coastal regions are gearing up for the "big one," the Department of Homeland Security (DHS) in addition to conducting regional Hurricane Preparedness Exercises in the Gulf in the past months, is working closely with state and local partners, such as the Federal Emergency Management Agency (FEMA), to prepare for the upcoming season. Some steps include:

- Visiting 131 sites (50 states, 6 territories and 75 major urban areas) and reviewing individual preparedness plans to allow the Department to identify deficiencies and make certain that evacuation plans are up to date.
- Pre-designating Federal incident commanders to coordinate, plan and train with state and local officials and their federal counterparts before disaster strikes.

- Updating the National Response Plan to clarify roles and responsibilities and create a National Operations Center to provide a central point of coordination and situational awareness in an incident.
- Retooling FEMA across several key areas: building a cutting-edge logistics system, enhancing FEMA's customer service capability, hardening lines of communication, and expediting the process of debris removal.

FEMA now has a Global Positioning System to track supplies, which will help avoid another situation in which trucks carrying ice for victims in the Gulf Coast ended up in Maine.

Specifically, with regard to FEMA, the agency has been working overtime on new communications systems, new satellite equipment, and improving local, state and federal government communication protocols.

To improve situational awareness that the agency did not have during Katrina, Acting Director David Paulison says that FEMA plans to

put teams on the ground that can beam images back to headquarters via live feeds.

FEMA also now has a Global Positioning System to track supplies, which will help avoid another situation in which trucks carrying ice for victims in the Gulf Coast ended up in Maine. Finally, thanks to pre-bid contracts arranged by the agency, many of these supplies are lined up in advance.

However, although FEMA has made strides in its preparation processes, the real test is yet to come.

To aid the first responder in meeting its disaster readiness challenges, the Department of Homeland Security has provided a number of grants, training and exercises, information sharing tools, and preparedness standards and guidelines at www.dhs.gov. These online resources include sites such as the Responder Knowledgebase — which allow the visitor to browse through disaster emergency response equipment — to information tools such as the State Homeland Security and Emergency Services Directory, DHS' computer-based counterterrorism communications network, and DisasterHelp.gov.

To learn more about how your organization can be disaster ready, contact a Reeves representative at 800.328.5563.

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EMS LLC
FACT



How quickly can Reeves set up a fully operational decontamination system?

Believe it or not, once your personnel are trained in the proper set up and use of the equipment it only takes six minutes to get the entire system set up and start decontaminating patients.

Reeves Business Development Representative Ken Hall, who submitted this answer says that he often has to show clients who have never seen the system that it can be done before they will believe him.

Find out how to set up a free demonstration. Call 800.328.5563.

As Recently Reported ...

DHS Awards 32 Percent Less Than Last Year in State, Local Grants

The Department of Homeland Security announced on May 31st that it is awarding \$1.7 billion in grants this year to help states and localities combat terrorism and respond to disasters. The grant represents a 32 percent decrease over funds awarded last year. According to DHS officials, funding cutbacks have forced them to re-evaluate some programs and make reductions.

Source: *govexec.com*

Proposed Study Seeks a Better Way to Treat Blood Loss

Doctors in Portland, Oregon and in ten other U.S. and Canadian cities hope to cut down on blood loss due to severe accidents by testing a highly concentrated saline solution that they hope will take the place of the less-salty liquid that trauma victims now get at an incident scene. The concentrated saline is engineered to draw fluids from other tissues into the bloodstream, increasing blood volume by a quart. The hypertonic saline may also limit brain swell caused by head injuries.

Source: *The Oregonian, Portland Oregon*

Cyanide Poisoning Cited as Major Factor in Fire Injuries

The Cyanide Poisoning Treatment Coalition (CPTC) was launched on April 20th to foster a rational approach to the diagnosis and treatment of cyanide poisoning through increased research, advocacy and education. According to the CPTC, one of the most common ways that the general public may be affected by cyanide poisoning is through smoke inhalation from structure fires. However, in most cases, instances of poisoning are not recognized or treated.

Source: *The Cyanide Poisoning Treatment Coalition*

Lack of Knowledge a Factor in Heart Attack Deaths

According to a recent Harris Interactive survey, only two in five adults would seek medical attention if they experienced common heart attack symptoms, such as sickness to the stomach, light-headedness, nausea and pain or soreness in the arm, back or neck. To combat the ongoing awareness gap about heart attacks and how to respond, Act in Time to Heart Attack Signs, a National Heart Lung and Blood Institute public education campaign is being revitalized. According to the study, most heart attack victims wait two or more hours after symptom onset before seeking medical help, often because they do not realize they are having a heart attack.

Source: *PR Newswire*

"As Recently Reported" provides brief synopses of items in the news that may be of interest to Reeves' clients. Since information is rewritten based on mass media sources, readers are encouraged to check independently regarding specific topics of interest.

Congress to Debate Directive for EMS Share in DHS Funding

According to political watchdog group Cornerstone Government Affairs, the House of Representatives' Appropriations Committee has recently approved language that would require states to allocate no less than 10 percent of homeland security grants to emergency medical services. The Bill's language states that states and local governments should include EMS representatives on planning committees as equal partners. An EMS needs assessment will also be compiled by the Office of Grants and Training at the Department of Homeland Security to figure out how much state and local governments spend on homeland security and firefighter assistance funds for EMS.

Source: *EMSResponder.com News*

States Lack Plans to Distribute Federal Flu Supplies

According to a recent survey from the non-profit organization Trust for America's Health, most states lack adequate plans to distribute drugs and respirators in case of a flu pandemic. During such a pandemic, the federal government's Strategic National Stockpile, which carries a large cache of vaccines, antidotes and medical supplies, will be flown within 12 hours to state distribution centers to pick up and allocate to residents. The government has only granted "green" status to seven states prepared to deliver supplies from the stockpile.

Source: *USA Today*

Reeves[®] EMS LLC IN THE NEWS

Access complete articles about Reeves EMS at www.reevesdecon.com/news.html.

Hartford Courant, April 6, 2006

Ottillie's Legacy May Save Lives

Ottillie Lundgren, the Oxford senior citizen who died of anthrax in 2001, could never have imagined the legacy her death would leave behind.

The Boston Globe, April 5, 2006

State Dedicates New Field Hospital to Anthrax Victim

Nearly five years after an elderly Oxford woman died of inhalation anthrax, the state Wednesday dedicated a new mobile field hospital in her memory.

Carolina Fire Rescue EMS Journal, Spring 2006

Shelters Provide Relief During Katrina Recovery

In the aftermath of this devastating storm, emergency medical service crews and various government agencies spent weeks wading through swampy ground and flooded areas to help with the relief effort.

Meet Your Reeves Representatives

On the go 24/7, Reeves' team of qualified representatives are constantly ready to help with product questions, provide a demonstration or put together a bid. Contact a knowledgeable member of the Reeves team today to get complete up-to-date information on the company and its products.



Ken Hall

Ken, who served with the U.S. Army as a medic for 22 years prior to working with Reeves, has been with the company for more than two years. Like everyone else, he keeps busy visiting clients, answering questions and putting together bids. "The people that I work with are great," he says, "They have taught me a lot. Hopefully, I have taught them a thing or two as well." One of his favorite products is the G2 Heater. "I can say with absolute confidence that this is the best heater out there in the market."

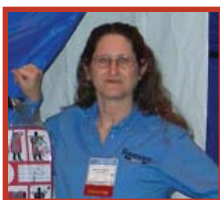
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Darren Wolfe

Darren has been with Reeves since August 2002 and loves working for the company because everyone is such a team player. According to Darren the Reeves shelters are the best in the industry. "There is nothing out there that tops them, particularly for long term deployment and ease of use."

240.446.6985,
dwolfe@reevesdecon.com



Annette Semasko

Annette retired from the U.S. Air Force as a Senior Master Sgt in public health after 23 years of active duty. She has been with Reeves since October 2003 and enjoys the diversity of the product line, which she says keeps the job interesting.

850.582.7471
asemasko@reevesdecon.com



Mark Wlazlak

An employee with Reeves since 2002, Mark likes working for the company for a number of reasons. "The quality of the product, the ethics of the sales force and service to the customer always come first here," says Mark, who spends much of his time travelling for Reeves. Freshly back in the office from multiple product demonstrations, he says, "The versatility of the shelters for civilian applications is probably the number one selling point."

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mwlazlak@reevesdecon.com



Dave Whiting

Holding down the office base, Dave has been with Reeves since January 2005 and recently assumed the position of Inside Sales Representative for the company. One of his favorite things about coming to work is that it is always interesting. "The work is never dull. There is always something going on and the biggest challenge is fitting everything into one day."

301.698.1596, ext. 106
dwhiting@reevesdecon.com

Visit us at these upcoming 2006 trade shows and events . . .

June 25-28

National Environmental Health Association
San Antonio, TX

June 27-29

CBRN Conference, *Ft. Leonard Wood, MO*

September 15-16

2006 I-CHIEFS Fire-Rescue Int'l, *Dallas, TX*

September 18-22

National Emergency Management Association
Conference, *Orange Beach, AL*

September 27-29

EMS Expo 2006, *Las Vegas, NV*

ON EXHIBIT



Coughlin Dives in as Reeves General Manager



With 21 years of service in the Navy Submarine Force, many years experience as a high level manager, and an MBA from Harvard, Chuck Coughlin is no stranger to challenges, and in fact, welcomes them.

Seven months after accepting the position of general manager for Reeves EMS, Chuck acknowledges that not only have his expectations been met, Reeves' parent company DHS Technologies has given him and the Reeves team the tools to meet

those tests that are inevitable to a company facing a makeover.

"I work with a wonderful group of people who are great at tackling any obstacles head on," says Chuck.

Reeves EMS, a manufacturer of emergency medical products and accessories, became a part of DHS Technologies in January 2005 to help the company reach its non-military customers.

"Basically, the goal of DHS Technologies is to move beyond 'DoD-centric marketing'

to more commercial areas," says Chuck. "That's where Reeves EMS comes in. By re-branding its DRASH products as isolation, surge capacity and mobile field hospital systems, we can appeal to the emergency medical and homeland security markets."

So far, things are going well. After the sale of Connecticut's mobile field hospital system (see front page article), other organizations are starting to show enthusiasm about getting their own rapid deployable medical systems.

This does not mean that the original Reeves' emergency products are going away.

"We see Reeves' standard EMS products, such as the Reeves Sleeve, flexible stretchers and medical gear bags as highly-desirable complimentary products to the re-branded DRASH shelter systems," says Chuck.

This product synergy was evident at the recent company

sponsored Emergency Preparedness and Response Expo (EP-ARE) event (see front page article), which not only showcased traditional Reeves emergency medical accessory products, but also included J and M shelter systems as well as a demonstration of the deployment of a 4XB DRASH shelter. With more than 180 professionals from the field of emergency medicine in attendance, EPARE was a success and there is talk of holding another one in the very near future.

Structurally, Chuck is working hard to make sure that each person working at Reeves is positioned to best utilize his or her individual skills to support the business, and already changes are being made that will accommodate the additional business generated by the DRASH shelter systems.

"If all goes well," says Chuck, "we will have to hire more people just to keep up."

A disaster could strike at any time, in any place.

Are you prepared?

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A DHS TECHNOLOGIES COMPANY

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ABOUT REEVES EMS

Reeves EMS manufactures, sells and services a full line of emergency medical products and accessories, including fully-operational rapidly deployable emergency treatment facilities; command and control shelters and trailers; decontamination shelters, suits and accessories; patient movement equipment; and gear bags.

Reeves EMS has been in business since 1902 when James E. Reeves, a Philadelphia firefighter, filed a patent application for a flexible stretcher product, which was assigned to Philadelphia textile company A. Smith & Sons in 1903. The Reeves® mark was filed in March 1903, and has been in continuous use and incorporated into multiple patents since that date. In 1992, the company's name was changed to Reeves Manufacturing, Inc. and in January 2005, to Reeves Emergency Management Systems, LLC, following its purchase by DHS Technologies LLC. Currently, the company's employees work primarily out of its two facilities in Frederick, Maryland, where Reeves manufactures its decontamination products and emergency medical equipment.

Reeves EMS mass casualty systems have been deployed as part of the U.S. Homeland Defense initiative to terrorist incident locations and in disaster recovery situations. Additionally, a large number of mobile medical decontamination systems have also been sent to emergency response organizations in the United States and around the world, including departments of the U.S. Army, Navy, Air Force and Army Reserve; state, county and local government entities; U.S. corporate entities, such as Ciba Geigy and Westinghouse; and international companies, such as British Petroleum in the United Kingdom and Eugene Medica in Taiwan.

To find out more about the company and its products, visit www.reevesdecon.com, send us an email at info@reevesdecon.com or contact a representative at 800-328-5563.

The EMS Insider is published for Reeves EMS clients and associates. Subscription requests or comments about the content of this newsletter may be sent to Naeran Rubio, 845-359-6066, ext. 174 or editor@drash.com. The newsletter is also available as a downloadable pdf at www.reevesdecon.com/newsletter.html.

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