OPERATION RESPOND®
INSTITUTE, INC.

A PUBLIC/PRIVATE PARTNERSHIP DEDICATED TO IMPROVING EMERGENCY RESPONSE

Operation Respond Fact Sheet

Summer 2007

When dealing with hazardous materials and other transportation incidents, first responders often approach uncertain and unstable situations. It is essential that first responders have the tools and training they need to deal with a variety of potentially dangerous safety and security incidents. Since 1995, the Operation Respond Institute (ORI), a **public/private partnership and not-for-profit corporation**, has been dedicated to providing emergency responders with technology tools to ensure that the first responder does not become the first victim.

ORI develops **tools for emergency responders**, including the Operation Respond Emergency Information System (OREIS™) software, which allows responders to directly access and confirm real-time hazmat contents of railcars that have been involved in an incident. The system offers response guidance for dealing with specific chemicals under varying conditions and contains many resources that allow responders to save time and lives in an incident.

OREIS™ also includes passenger railroad schematics, placard and UN ID guides, as well as a number of detailed chemical, hazmat and WMD data sources for emergency response. OREIS™ is poised to become an electronic **"one-stop-shop" for emergency responders**, providing information about multiple types of incidents and modes of transportation. OREIS™ is a fully secure system and is currently functioning in over 56,000 agencies in the United States, Canada, and Mexico, reaching an estimated two million responders.

The United Nations Identification component, and the chemical database and railcar id functions within OREIS™ are now available to 30,000 law enforcement agencies directly through the **National Law Enforcement Telecommunications System (NLETS)**. NLETS is a dedicated message switching network linking state, local and federal agencies together for the purpose of information exchange. Several NLETS user states have activated the railcar identification and AAR chemical database function of OREIS™. The full suite of OREIS™ capabilities will soon be available to all NLETS users. OREIS™ is also a component of the **Regional Information Sharing System (RISS)**, a federal intelligence sharing network for law enforcement officers. Nearly 20,000 RISS users are able to use the full spectrum of OREIS™ functions through the secured RISS web site.

ORI recently released a wireless version of it's popular software, called OREIS™ Mobile. Working with Sprint/Nextel, ORI released OREIS™ Mobile, providing emergency responders with wireless access to the valueable information within OREIS™. Throughout calendar year 2007, this offering will be expanded to include all current OREIS™ features, plus new offerings

of material currently under development. OREIS™ Mobile is now available on Blackberry, most iDEN cell phones and the TREO WX available through Sprint/Nextel.

ORI has been working to link OREIS™ to **motor carrier tracking systems** to provide alerts to emergency responders. Under this link, OREIS™ users, through a capability provided by ESINC, will receive an alert indicating that an incident has occurred, its location, the carrier involved, confirmation of involved hazardous materials and emergency response guidance. ORI performed a series of successful demonstrations of this technology in Kentucky and Alaska. ORI also recently completed a contract with the University of Nevada at Las Vegas and the Department of Energy to conduct a series of motor carrier demonstrations utilizing an integrated truck tracking system and involing the transport of low level waste. Two demonstrations were conducted, one in Columbia, South Carolina with Hittman Trucking on January 17, 2007 and the other in Las Vegas, Nevada with Tri-State Motor Transit on February 21, 2007.

Also, ORI is under contract with Foster Miller an engineering consulting firm, through funding provided by the FRA, to link the OREIS™ Network of responders with a sensing device within a locomotive that will detect a derailment, rapid decleration or engineer activation of a "panic button". Tests will be conducted in the third quarter of 2007.

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For more information visit www.oreis.org or email oreis@erols.com