



September 2013

## Two grinding machines supplied by LORAM to German National Railways will run MERMEC diagnostic systems

*LORAM maintenance of Way Inc., one of the leading suppliers of track maintenance machinery and services in North America and the global market, has chosen MERMEC Group technology to equip two grinding machines have been supplied to German National Railway Deutsche Bahn (DB)*

Hamel, MN USA – LORAM Maintenance of Way Inc., the track maintenance machinery supplier headquartered in Hamel MN, has recently installed and integrated four MERMEC Group optoelectronic systems for rail profile and rail corrugation measurements onboard the two grinding vehicles have been delivered to the German Railway Operator Deutsche Bahn (DB). Each LORAM's maintenance vehicle has been, in fact, equipped with the two different types of no-contact technology to accurately and efficiently drive the high precision operation of rails grinding.

The Rail Profile System will measure the complete cross-section of the rail head calculating all its geometrical parameters while the Rail Corrugation System will appreciate the rail roughness severity in four different critical wavelengths. The LORAM grinding vehicles will be soon in service in Germany and thanks to their rail diagnostic capabilities will be able to verify, in real time, the efficiency of the grinding itself.

Rail Profile and Rail Corrugation Systems provided to LORAM have been subject to a severe assessment process by the final customer DB which has validated the systems themselves and their production process certifying compliancy to the First Article Inspection (FAI) criteria. MERMEC Group measuring systems successfully passed assessment and obtained the DB's FAI stamp in February 2013.

LORAM Maintenance of Way Inc. and MERMEC Group already partnered together in previous supplies of maintenance machines and measuring systems to the German National Railway; DB has in fact already certified the MERMEC Group Rail Corrugation System.

MERMEC's systems for grinding application have been used for years by the major grinding operators. Thanks to these years of specific experience and feedback received from the field these systems effectively incorporate several features enabling grinding operations at the forefront of rail profile and surface condition maintenance practices. Nowadays, there are more than 30 systems used by grinding operators in Italy, Germany, UK, Australia, South Africa and USA.

----- END OF PRESS RELEASE -----

**About MERMEC Group** - The MERMEC Group is a global leader and technology innovator specialized in the supply of integrated solutions for diagnostics, signalling and asset management to railways and rapid transit worldwide. MERMEC Group is an international corporation with offices and premises in 12 countries (USA, Spain, France, UK, Switzerland, Norway, Italy, Turkey, India South Korea, China, Australia). More than 140 main railway customers in 45 countries are using MERMEC Group products and services.  
More info: [www.mermecgroup.com](http://www.mermecgroup.com)

**About LORAM** - Founded in 1954, Loram Maintenance of Way started out as a small operation consisting of two simple machines, and a handful of employees. Today, Loram has become one of the leading suppliers of track maintenance machinery and services in North America and the global market. Loram provides maintenance of way services to Class I and short line railroads, transits, and commuter rails.

**About DB** - Deutsche Bahn AG was founded in 1994. Today, it is one of the world's leading passenger and logistics companies and operates in 130 countries. Every day about 276,000 employees are committed to providing mobility and logistical services for customers around the world, as well as controlling and operating the related transport networks in the rail, land, ocean, and air freight transport sectors. In the 2011 financial year, DB AG posted revenues of about 37.9 billion euros, as well as operating profits (EBIT) of 2.3 billion euros before special items.

### Media Contacts

**Tom Skiro**  
MERMEC, Inc., Sales Engineer  
tom.skiro@mermecgroup.com  
Tel. 803-917-8683 – Fax 803-798-1909

**Eleonora Marton**  
MERMEC Group, PR & Communication  
eleonora.marton@mermecgroup.com  
Tel. +39 0422 8391 – Fax +39 0422 839 200

