

USA Signal Technology Develops Wireless Video Surveillance System to Record Damages from Boats and Barges Colliding With Railway Drawbridges

System to Enable Railroads to Recover Millions in Property Damages



DALLAS, TX -- (MARKET WIRE) -- 07/13/2006 -- USA Signal Technology, Inc. (PINKSHEETS: [USSG](#)) (www.usasignal.com), the Dallas, TX-based company that designs, markets and manufactures state-of-the-art traffic signaling and monitoring systems, has completed work on a unique wireless video surveillance camera system to monitor, detect and record video evidence of boats and barges colliding with railway draw bridges. The system will enable railroads to recover millions in property damages.

"Surprisingly, boats and barges colliding with railway draw bridges is a frequent and costly enough occurrence to be of growing and continuing concern to the railroad industry," says Bob Stevenson, USA Signal's CEO. "In fact, it happens on the average about once or twice per week, and can cost millions of repair dollars even for one bridge. Our system enables the railroad to have documented evidence of any occurrence and seek restitution from the boat or barge owner that damaged its bridge. We see our proprietary system focused on an important untapped multi-million dollar market."

The USA Signal wireless video surveillance camera system monitors and records all boat traffic approaching and passing under the railway drawbridges where it is installed. Video information about each boat, including registration number and name, is recorded and simultaneously sent wirelessly to a security office where the information is recorded and can be viewed by security officers. The video recording is intended to be used in the legal proceedings, following collisions.

The VGA color video stream is MPEG-4 and is sent at the rate of 5 frames per second. The cameras have low light capability so pictures can also be recognizable at night. The cameras record 48 hours of backup video in case the remote office system fails. The operating system software can display multiple video streams on a signal monitor located in the security office, with the monitor divided into quadrants. A security officer can "click" on any quadrant for a picture to completely fill the screen. Each quadrant has a title block with location and time-stamp to identify which camera video stream is being displayed and recorded at MPEG-4 at 5 frames per second rate.

USA Signal's Railway Bridge Systems are now ready for evaluation by the nation's railroads. Installation of the first demonstration is expected to take place prior to the end of June 2006, with others to follow. The company anticipates that as the systems are demonstrated and shown to meet customer needs and specifications, it will begin receiving purchase orders.

About USA Signal Technology, Inc.

USA Signal Technology, Inc. (PINKSHEETS: [USSG](#)) (www.usasignal.com) is a Dallas, TX-based company that designs, manufactures and markets state-of-the-art traffic signaling and monitoring systems. It provides the most technologically advanced and lowest cost-of-ownership intelligent LED (Light Emitting Diode) traffic signals for municipalities. Its advanced designs provide the most cost effective LEDs and, most important, it has the only signals that combine other advanced technology products to create the first Intelligent Traffic Intersection Systems (ITIS) and Railroad Crossing Surveillance & Detection Systems.

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