

# PUBLIC SUBMISSION

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Proximity Detection Systems for Mobile Machines in Underground Mines

**Comment On:** MSHA-2014-0019-0001

Proximity Detection Systems for Mobile Machines in Underground Mines

**Document:** MSHA-2014-0019-0082

Comment from Gordon Rivers, Auto-Sign LLC

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## Submitter Information

**Name:** Gordon Rivers

**Address:**

732 Thimble Shoals Blvd

Building 603

Newport News, VA, 23606

**Email:** gordon@auto-sign.com

**Phone:** 757 784 4400

**Organization:** Auto-Sign LLC

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## General Comment

Auto-Sign LLC of Virginia has addressed similar problems in the ship building and repair business.

We proposed a simple, cost effective motion and/or RFID activated product system that sound a warning when moving objects are close to a person wearing a sensor.

Our proposal would also address a similar initiative in the rail industry for marshaling yards.

The attached is a product in use today in large fabrication shop in shipbuilding.

The system adopted for mining would has 2 components

- 1) A sensor attached to equipment that would activate the Flashing lights and high volume voice recording
- 2) The same sensor would activate a warning light and/or vibration/sound device on miners

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helmet. A small earphone would be fitted the ear protection devices used.

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## **Attachments**

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