

# WRTT Conference Call

October 20th, 2008

Monday 11:00 AM Mountain Time

Call: 1-877-612-4949 Passcode: 8870122

## WRTT

### Topics of Interest:

- Please check out the updated TIPS website for recent updates! These are located in the “What’s New?” section of the page. <http://www.tips.osmre.gov>
- Please check out the updated NTTTT website for recent updates! These are located at: <http://www.techtransfer.osmre.gov>
- NAAML P Conference will be held in Durango, CO October 26-29, 2008. OSMRE will have a booth at the conference. Please stop by and visit!
- WRTT Team Meeting will be in conjunction with the 2009 ASMR/BLRS Conference in Billings, MT May 30-June 5, 2009. WRTT team meeting will occur from 8:00 – 12:00 Tuesday during the event. **\*NOTE:** The deadline for abstracts has been extended until November 7<sup>th</sup>!

### Discussion Topic(s):

AML problems exist. The technologies used to deal with these problems are ever changing. Each OSM office, state and tribe may have new and innovative technologies to address these problems. I would like each office to:

1. Talk about a new and innovative AML solution they have come up with in the last year or two. If you used OSMRE supplied software/hardware, please let us know. If you did not use existing OSM software/hardware to do this, then, let us know what you did use. We always like to hear about any new and exciting developments in the technological field!

John Mack spoke about a recent AML project the OSMRE Wilkes-Barre office had taken care of in the state of Pennsylvania. The project cost millions of dollars and used innovative TIPS application/Technology Transfer equipment such as the FLIR thermal camera, downhole camera and Earthvision software. Additional technologies such as I-Buttons were also used.

Bill Dodd mentioned the use of the FLIR camera as well as the downhole camera on ND projects. Bill mentioned that they also used a mini PTZ downhole camera. This camera was a success with the ND program as well as OSM’s GeoVision downhole camera.

Marcelo Calle mentioned the state of Wyoming's successful use of OSM's downhole camera.

2. Bring to the attention of the group an AML problem they would like addressed and see if anyone knows how to address this problem.

Marcelo brought the following questions up for discussion: 1. What technologies had been used to locate mine voids and, 2. What innovative methods are being to contain underground mine fires?

Roger Allely suggested ground penetrating radar and surface seismic reflection. This technology had been used by the state of Alaska in the past. Bill Dodd mentioned the Interstate Mining Group of Abandoned Underground Mines and MSHA have both evaluated geophysical methods to locate underground mines. (<http://www.msha.gov/VoidDetection/VoidDetection.asp>). He also mentioned the use of the Mini PTZ downhole camera (<http://www.istimaging.com>). John Mack suggested the use of Lidar (some of which was already being used). Lou Hamm spoke up about its being tested via robotics in underground mines.

In regards to the shipment of equipment, Lou stressed that pieces of equipment such as the RTK unit and the Downhole camera needed to be physically transported to each office. Bill Dodd suggested that we ask each office to pay for the shipping and insurance themselves instead of having a person physically drive the equipment from site to site.

Note: We do not have to solve the problem during the call, but, if someone knows how to address this problem, each party can contact one another upon completion of the call.

**WRTT Member Reports/Information** (People Present listed in Orange)

Alaska: Roger Allely

Arizona (Navajo): Melvin Yazzie

Arizona (Hopi): Absent

Colorado: Jeff Graves

Montana: Absent

Montana (Crow): Absent

New Mexico: James Smith

North Dakota: Bill Dodd/Tom Oswald

Utah: Steve Fluke

Wyoming: Marcelo Calle

Casper Field Office: Alan Boehms

Program Support Division/Albuquerque Area Office/Farmington Area Office: Absent

Denver Field Division/ Olympia Area Office: Elizabeth Shaeffer

TIPS: Lou Hamm

Special Guest: John Mack

**Technical Assistance, Training and General Information**

All information regarding the TIPS/NTTP/TECHNOLGY TRANSFER programs can be found at the following websites:

- [www.techtransfer.osmre.gov](http://www.techtransfer.osmre.gov)
- [www.tips.osmre.gov](http://www.tips.osmre.gov)
- [www.doilearn.gov](http://www.doilearn.gov)

**Next Call:  
November 17th, 2008**