

Emergency Communication-Tracking Plan Outline

Due to Regional OMHS&T Offices COB 07/31/2007

Tab 1 – Emergency Contact Information

Mine Name
Mine Address
Physical Location
Mine ID – State
Mine ID – MSHA

General Manager/Superintendent Name
Daytime Phone #
Emergency Phone #
Email address

Safety Manager/Director
Daytime Phone #
Emergency Phone #
Email address

Communication System Manufacturer
Communication System Vendor
Emergency Phone #
Email address

Tracking System Manufacturer
Tracking System Vendor
Emergency Phone #
Email address

Tab 2 – Communication-Tracking System Description

The information behind this tab shall describe the communication-tracking system selected and provide an understanding of its operations. This should include an overview of the communication-tracking system describing the structure and operations of the separate or integrated communication/tracking system(s) noting what changes to existing communication-tracking systems were required to comply with WV regulations, including but not limited to:

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- Allowing wireless tracking and wireless two way communications with each miner providing coverage in at least two separate air courses, at least one of which shall be an intake.
- Knowing the location of miners and direction of travel at key points in the escapeways, at a minimum at junctions (section, section-submain/mains intersections), so that all options of travel are covered.
- Provide a statement of what has been done to try and ensure survivability and so that the communication-tracking system will be functional after an accident and state what provisions are made for rapidly re-establishing coverage
- Maintaining communication/tracking after loss of outside power
- Description of the communication system that is will be used in the shelter and provisions have been made to rapidly reestablish communication if lost in the accident.

State the criteria used in selecting key points and coverage areas and provisions incorporated to enhance survivability and those taken to ensure the ability to rapidly reestablish communication-tracking in the event of an accident disrupts the ability of the system to function

Include a Typical Infrastructure System Diagram showing major communication and Tracking Components.

Tab 3 – Communication-Tracking System Operations

A statement regarding how the communications/tracking system will be installed, tested and maintained, and the manufacturer's checklists for each type of inspection, routine, relocation, annual, etc

Included in this tab should be copies of the operating instructions for each component of the communication-tracking system to be provided for the miner and for emergency personnel

This section should describe the communication center, how the mine will be monitored at all times during which one or more miners are underground in sufficient detail to:

- Demonstrate that the system allows the communication center will know the location of all miners, in relation to pre-determined points, immediately prior to

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an event by tracking/locating device in the escape-ways, normal work assignments, or notification of the communication center

- Explain how check-in and check-out with the communication center by miners prior to entrance and exit from bleeders and remote or seldom used areas of the mine (all times shall be logged) and what the procedures are if they do not check-in at expected times
- Demonstrate adequate procedures for communication center operators during normal operations and in emergencies

Tab 4 – Proof of order and compliance dates

At the time of submittal or when approved the operator, a copy of purchase orders for any necessary items or services required to implement the emergency communication-tracking plan. This includes at the minimum communication-tracking equipment, installation, and routine and emergency maintenance services. If the operator is doing these things in-house then proof of qualified staff and available equipment is required.

Specify the following:

- Order date:
- Delivery date:
- Operational Date:

Tab 5 – Training

Include updated content that demonstrates that all miners, supervisors and likely emergency responders shall be trained in the use, limitations and inter-operability of all components of the communication and tracking/locating system.

A statement indicating:

- the initial training dates for implementation of the communication-tracking system
- how the communication/tracking system will be incorporated in other required training, and
- where training shall be recorded to be made available upon request