Harlan contest Day 1
Written Information

Thank you for responding to our call for help. You are located at the fresh-air base of the Big Bear mine. The Big Bear mine is a single unit mine mining the out crop around several large mines. We had a two person maintenance crew and a foreman working on the section. The foreman called out and reported a fire on the section shuttle car. A mine rescue team was sent in to help the crew with the fire. They explored to the area of the existing fresh-air base but had to return to the surface due to an apparatus malfunction. Your team is the second team in. We have had no communication with the crew sense the foreman call out of the fire. We would like you to explore the section and locate the missing miners. The mine is ventilated by a blowing fan that is currently running. Air is traveling up the #2 entry and out both the #1 and #3 entries. Please be careful, this mine has a history of bad roof, methane and water problems.

All state and federal agencies have been notified and are on site.

Backup mine rescue are on site to provide coverage for your team while underground.

Thanks and good luck
Harlan Contest Day 1

Written Statement

- Explore the entire mine that can be done safely
- Account for all missing miners
- Bring all survivors to the fresh-air base
- The fan is currently running and cannot be stopped stalled or reversed
- The team can transport only two brattice cloths while the team is traveling
Harlan Contest Day #1

Team Stops

Field

10 or 11

Help
Get me out
Conscious
Live Man

3.0% CH₄
0 PPM CO
19.4% O₂

10 or 11

Battery Scoop

14.0% CH₄
4 PPM CO
19.3% O₂

12

Shuttle Car
On Fire

Working Order:
Face

Teams Will Duct
At Gas Place
6.5% CH₄
5 PPM CO
19.5% O₂

If a team makes team stop
# 12 before getting the
person out of #2 barricade it
will be delay

7 or 8

Lunch Box

6.0% CH₄
4 PPM CO
19.4% O₂

7 or 8

Battery Scoop

14.0% CH₄
4 PPM CO
19.3% O₂

Battery Mine Phone

4

Battery Ramcar

1 or 2 or 3

Person
Body after timbered

Open

1 or 2

4.0% CH₄
4 PPM CO
19.6% O₂

5

Waterover Knee deep

6.0% CH₄
4 PPM CO
19.1% O₂

6

Help
Get Me Out

2 or 3

4.0% CH₄
4 PPM CO
19.6% O₂

1 or 2 or 3

6.0% CH₄
4 PPM CO
19.1% O₂

4.0% CH₄
4 PPM CO
19.6% O₂

BC
Harlan Contest Day #1
First Ventilation

Help
Get me out
Conscious
Live Man

Shuttle Car
On Fire

Battery Mine
Phone

6.0% CH₄
4 PPM CO
19.4% O₂

3.0% CH₄
0 PPM CO
19.4% O₂

Lunch Box

6.0% CH₄
4 PPM CO
19.4% O₂

Teams must get a
ventilation change to
remove the diagonal

Battery Scoop

4.0% CH₄
4 PPM CO
19.1% O₂

Water over Knee Deep

Battery Ramcar

Person
Body after timbered

Open

4.0% CH₄
4 PPM CO
19.6% O₂

Help
Get Me Out

When teams break the
plane of #3 to get the
person the tail captain will
have to be advanced out of
the intersection in #2
before the captain breaks
the plane of the #3
intersection or they will be
discounted for the captain
and tail captain being in
two separate intersections
on exploration.

6.0% CH₄
4 PPM CO
19.1% O₂

4.0% CH₄
4 PPM CO
19.6% O₂

Working Order:
Face

6.5% CH₄
5 PPM CO
19.6% O₂

6.0% CH₄
4 PPM CO
19.4% O₂

3.0% CH₄
0 PPM CO
19.4% O₂

Help
Get me out
Conscious
Live Man

After the gases on top of
the overcast are cleared
beams can then remove the
diagonal and hold up the
line curtain to clear the
barricade.