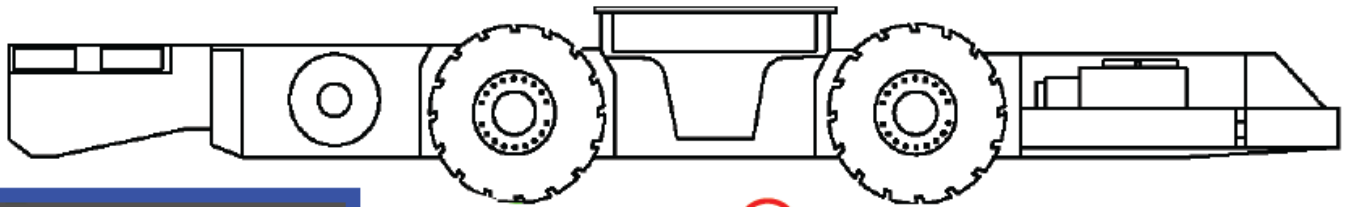


Avoid CLOSE PROXIMITY

to **MOVING** Mobile Face Equipment !



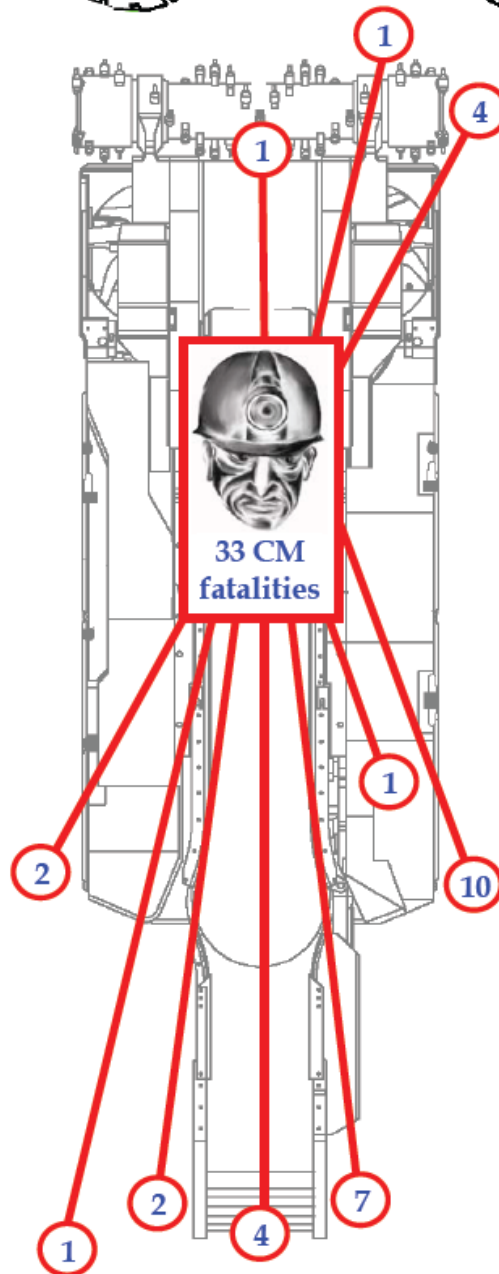
On June 24, 2010, a continuous mining machine (CM) operator was killed when he was caught between the right rib and the remote control CM he was operating.

On July 1, 2010, a 60-year old section electrician was killed when he was struck by a shuttle car.

On July 9, 2010, a foreman was killed when he was struck by a battery powered ram car.

Since 1984, 33 miners have been killed in crushing accidents associated with the operation of remote control CMs.

Since 1995, 22 miners have been killed after being struck by other types of moving mobile face equipment.



BEST PRACTICES

- ▶ Install Proximity Detection Systems on CMs and other face equipment. Find approved systems at msha.gov.
- ▶ Avoid "Red Zone" areas. See diagram at msha.gov.
- ▶ Use remote control units that have safeguards against accidental tram.
- ▶ Before tramming, ensure emergency stop and operational controls are functional.
- ▶ De-energize machine before servicing or setting bits.
- ▶ De-energize pump motor before checking methane, extending ventilation devices, or positioning trailing cables.
- ▶ Ensure equipment is properly maintained and being operated safely, especially in low mining heights, and slippery and uneven floor conditions.

