

WEMA Discussion Group # 5

Bob Pearson	Usibelli Coal Mine
Phil Granger	Cloud Peak Energy
Matt Feaster	Nidec Avtron Automation
Chet Steele	Trapper Mine
John Bunton	Flanders Canada

Safety Items

MSHA- Monitor Systems operator login 5 years	Matt Feaster
Vehicle Monitoring over road	Phil Granger
830 Runaway loaded down a ramp, No injury Not pushing service brake, pushing foot rest	Chet Steele
Safety- money for safety products Tyvek, not flame resistant, getting flame resistant, disposable coveralls	John Bunton

New Innovations and Technology

Rail Wear, Roller Study, instrumented roller strain gauge, rail wear front of frame, 30k lbs of ballast added balance of machine	Chet
Mine Autonomy- Semi autonomous, embracing technology already in our personal life	John

Problems and Solutions

MSHA- Trail cables and rabbit boxes, pilot Portable subs, grounding Open cabinets, ground metal plate-operator Guy wires for power lines Grounding Contractor vs. inspector Battery ground bonded to static Fatigue events Rolled a drill	Phil          Chet
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### Future Meeting Topics

Projects Setting neutral- technical Brush wear Same projects-hear it again 1 day training before wmea Presentors for projects MSHA-presentations Safety-vendors/member promote Mining CEO presentation	
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### Future Locations

Billings	
Bismark	