



# FINALLY, An Intelligent System That Helps Keep Crews **SAFE!**

**Trackmobile's Vigilance Control System constantly monitors Operator control activity, to help ensure that operators are alert and responsive.**

## HOW IT WORKS

The system continuously monitors the activity of operator control switches and joystick controls for operator input activity. If no activity or a change in joystick position is detected for a period of 40 seconds, an audible alarm is sounded. If there continues to be no activity sensed after 5 seconds, the system puts the machine into an Emergency Stop Mode.

## WHAT IS EMERGENCY STOP MODE?

Emergency Stop Mode is a system activated series of electronic actions that simultaneously shifts the Transmission into Neutral, applies both service and train air brakes while activating the Air Horn on the Trackmobile.

## DETAILS

Normal operator activity creates a "change of state" that the Vigilance Control System can detect. Once operator activity is not detected for a period of 40 seconds, the system will initiate a count down to zero while waiting to detect continued operator activity. After the 40 seconds expires with no activity detected, the system will allow 5 more seconds before initializing the Emergency Stop Mode.

A "change of state" needs to be created to stop or reset the Vigilance Control system. The following operator activities will reset the countdown timer back to 40 seconds:

- Moving the throttle or brake position of the Joystick by more than 5%.
- Moving a Manual Switch (Sanders, Coupler Up/Down, Coupler Traversing, Coupler Release, or shifting the Transmission Manually.)

**NOTE:** If the Trackmobile is idling in neutral and machine movement is sensed, the 40-second timer is activated to initiate the countdown to an Emergency Stop Mode.

*\*Vigilance Control System is designed specifically for Titan, Hercules and Viking Trackmobile Models. For Earlier models, ask to see our Legacy Vigilance Control.*

