







## **BWI Eagle's Fail-Safe Dozer Safety System**

### **Raw & Clean Coal Piles w/PLC at Each**

“On the Dozer”		Dozer Safety System Components	
			
			
		480-5100NS-DC	49-2102
Model Number	Component	Qty Per Dozer	Description
480-5100NS-DC	Stop Switch Transmitter	1	DC powered 900MHz stop switch transmitter with network switch - mounts in dozer cab – operator first uses network switch to select which stock pile he will be working on, then logs transmitter into that pile's receiver when entering its area – up to four dozers can communicate simultaneously with the receiver on each pile
49-2102	900MHz Mobile Antenna	1	Magnetic roof mount mobile antenna for model 480-5100NS-DC transmitter

“At <u><b>Each</b></u> Stock Pile”		Dozer Safety System Components	
			
		480-5240	
			
		49-5001	49-3101
Model Number	Component	Qty Per Stock Pile	Description
480-5240	Receiver	1	120VAC Powered, 900MHz Receiver - Installed at each stock pile – dozer transmitters log-in to this receiver which continually monitors dozer status
49-5001	TNC T Adapter	1	Mounts on side of receiver – allows two 900MHz Omni antennas to be connected to the receiver
49-4000-XX	Coax Cable	2	Variable length of coaxial cable with connectors – Connects antennas to receiver
49-3101	900MHz Omni Directional Antenna	2	Omni directional antennas for model 480-5240 receiver - mount these antennas on opposite sides of the catwalk, aiming down toward surge pile for 360 degree reception