



DOCK REALTY / DOCK LIFE GUARD

NAME: *Dave Hotz, Owner*

Q *Behind every invention is a story; what is yours?*

A I list more than 300 docks a year for Dock Realty, and I see a lot of scary wiring on some of them. After several people died of Electric Shock Drowning (ESD) at the Lake in 2012, my computer engineering degree helped me envision a device that would warn people of hazardous electricity in the water. The result was the invention of Dock Lifeguard.

Q *What is Electrical Shock Drowning (ESD)?*

A Faulty wiring on docks can be the source of hazardous electricity and result in surrounding water becoming energized. When a human body makes contact with electrified water, it becomes the conductor and can cause skeletal muscular paralysis, rendering the victim unable to help him/herself—with drowning being the end result. This is known as Electric Shock Drowning (ESD).

Q *Why should new and/or recently inspected docks have a Dock Lifeguard unit installed?*

A To prevent ESD. Electricity cannot be seen or heard. Dock Lifeguard provides a visual and audible warning if hazardous electricity exists around a dock. Just because a dock has been recently inspected does not mean the water around it is safe. Remember, a dock is subject to wind and waves that may negatively affect electrical wiring.

Every dock owner should take the necessary steps to warn others if there is hazardous electricity coming from or around their dock. Most homeowners do not think twice about buying a carbon monoxide detector. Like carbon monoxide, hazardous electricity can be silent and deadly.

In addition, electricity will find its easiest source to ground. If your dock is the one in your cove with the best ground, then hazardous electricity may find your dock—even if the source is hundreds of yards away. While your dock may be safe, are your neighbors'?

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DOCKLIFEGUARD™
Dock Warning System

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