## ELECTRIC SHOCK DROWNING

## UNKNOWN DANGER LURKING IN THE WATER

Docks and boats carry sources of **electricity**. Faulty wiring or the use of damaged electrical cords and other devices can cause the surrounding water to be become energized. NEVER swim near a marina or a near a boat while it's running.

ESFi.org)



There is no visible warning to electrified water.

Electric current in the water causes the paralysis of muscles which results in drowning.





The 2017 NEC now requires marinas and boatyards to

have ground-fault MARINA ELECTRI protection to help prevent water electrification. Check to see if your marina, and the boats in the marina, have proper **GFC** protection.

As little as 10 milliamps, 1/50th the amount used by a 60 watt light bulb, can cause paralysis and drowning.

WHAT TO DO IF YOU SEE ELECTRIC SHOCK DROWNING TAKING PLACE

Turn power off



Throw a life ring



**Call 911** 



**NEVER** enter the water



You could become a victim too.

**WARNING** – POTENTIAL SHOCK HAZARD: ELECTRICAL CURRENTS MAY BE PRESENT IN THE WATER

The 2017 National Electrical Code requires marinas and boat docks to post electric shock warning signs where electricity is used near water.



WARNING POTENTIAL SHOCK HAZARD