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INTRODUCING PRINCIPAL SKIMMER

Imagine a large oil tanker crashes into a big boulder that the ship's captain didn't see oil starts spilling out everywhere, destroying the surrounding ecosystem and spreading out over miles to impact shorelines around the world. Old problems, new solutions. Why not just dispatch a swarm of Principal Skimmers. Smaller and more compact than previous iterations, the new Principal Skimmer COVID 1.9 model is the most powerful, versatile, and intelligent machines we have ever produced. The new design comes standard with the added capability of being able work both on the water as well as on land. It has high efficiency solar panels and added battery capacity so it can charge on the go and work without stopping, even at night. The new model even has a backup battery for its locator beacon, automatically cleans and maintains itself, operates autonomously even in bad weather, and does this seamlessly whether saving the world from oil spills, cleaning up plastic pollution, keeping a high litter area clean, or safely removing hypodermic needles and litter that washes up on the beach. Did we mention it is also Coast Guard approved as a life saving device?

This robot was primarily designed to clean oil spills and operate in marine environments. It is resistant to toxic chemicals so it can clean up even the toughest industrial waste spill. Because of its rugged design, it can easily enter rivers, lakes, industrial treatment facilities, and other polluted environments and autonomously skim, filter, sift, materials. This machine can be programmed to do pretty much anything. This robot is dispatched from a central waypoint where it will return to when it needs to empty itself or perform maintenance tasks. Its software suite keeps track of position, materials being removed, and coordinates with other networked Principal Skimmers to ensure a high level of efficiency regardless of the task at hand.

In the event of an oil spill or if a body of water is over-polluted, the Principal Skimmer first runs a scan of which route to take and scans for pollution type and determines what is needed to clean it. This robot uses its sensors, gauges, mobility platforms, and variable buoyancy to meet the needs of the most demanding jobs. The wheels are so the robots can go on land, and seamlessly switch to water paddles to assist the propeller while in water. Whether in the water or on land, the Principal Skimmer will be able to scan, plan, and save the Earth inch by inch, mile by mile, one plastic straw or drop of spilled oil at a time. This is the perfect robot for any job, in any conditions, guaranteed.