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MYCELX Technologies Corporation currently is working with General Dynamics to provide solutions to ensure a clean bilge discharge from the new U.S. Marine Corps Advanced Amphibious Assault Vehicle (AAAV).

MYCELX Technologies Corporation's BilgeKLEEN system is the first on-board filter device capable of removing 100 percent of oil, gas, diesel fuel and other hydrocarbons from boat bilge water.

Bilge water composition varies from vessel to vessel and from day to day, according to Nature of Discharge (NOD) reports obtained from the technical community within the Navy. Wastestreams - including steam condensate, boiler blowdown, drinking fountain water and sink drainage - can drain to the bilge. Small quantities of fuels, lubricants, hydraulic fluid, antifreeze, solvents and cleaning chemicals also can enter the bilge as a result of leaks and spills in engineering spaces. Legally, this water cannot be discharged.

Current federal regulations prohibit all vessels - no matter what size or use - from discharging oil or oily waste into the water "if such discharge causes a film or sheen upon, or causes a sludge or emulsion beneath the surface of the water." Violators are subject to a fine of up to \$5,000.

A General Dynamics representative said "the MYCELX BilgeKLEEN technology shows great promise for ensuring that the vessels' bilge discharge meets all Uniform National Discharge Standards (UNDS) requirements with a cost-effective, environmentally safe solution."

In treatment applications with bilge water, MYCELX has demonstrated an extremely high affinity for hydrocarbons. MYCELX-infused filters are capable of reducing these contaminants in bilge water to below detectable limits in a single pass and eliminating sheen. The system can serve recreational boats up to ocean liners and aircraft carriers. Testing is still being done on the AAAV.

MYCELX Technologies Corporation, the exclusive developer, manufacturer and marketer of patented MYCELX technology, offers a full range of products specifically designed for oil and hazardous waste remediation, water treatment, and marine applications.