

Unique Tubular Membrane for Effective Bilge Water Filtration

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Bilge water is considered a hazardous waste and is illegal to discharge into waterways without proper treatment. It can be an emulsified mixture of oil, diesel, dirt and debris, fresh and salt water, detergents and other substances collected aboard and washed down into centralized collection.

A pilot scale test was undertaken to demonstrate the efficacy of utilizing a new microfiltration PVDF tubular membrane technology as a single step process to achieve water of a quality that could be discharged while achieving improved flux rates.