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21 Jul 2017

BIO-SEA by BIO-UV designs, manufactures and markets the latest BIO-SEA small flow rate ballast water treatment system which combines mechanical filtration and ultraviolet (UV) disinfection without any chemical treatment.

The BIO-SEA small flow rate range is available from 15 to 90 m³/h and is designed for vessels with small pump capacities including yachts.

The system is designed to be flexible and adaptable to different technical configurations.

It can be integrated to all types of retrofit or newbuilding vessels, with different options depending on technical needs. These are skid version that is fully mounted, split version with the skid dismounted and delivered in a box so it can be re-assembled onboard or a modular version with loose components.

BIO-SEA small flow rate is designed to be as compact as possible with all components including a power supply directly embedded on the skid. The UV reactor has been shortened from the standard version to give a smaller footprint.

The range is IMO type approved, has the AMS from the USCG and several other class society certifications.