

BIO-UV GROUP UNVEILS BIO-SEA EASY-TO-FIT TO MEET BWTS RETROFIT MARKET REQUIREMENTS

BIO-UV Group has unveiled a modified, more compact version of its low flow rate BIO-SEA ballast water treatment system (BWTS) to meet market demand for retrofit installations aboard vessels where engine room space is limited.

The BIO-SEA Easy-To-Fit skid is a modified version of its small flow rate range of BIO-SEA 30, 60 and 90 units but incorporates a bolted frame. This allows the system to be delivered as a “flat pack” solution and rebuilt onboard, making a skid version possible even for retrofit projects, reducing shipyard installation costs and time.

Where machinery spaces are long and narrow, the dismountable BIO-SEA Easy-to-Fit frames can also be split into two separate skids, with mechanical parts and pipework on one frame and electrical components on another. Everything is embedded onto the skid frame(s) with no need for an additional power cabinet.

Ludovic Rouzel, BWT Contracts Manager, BIO-UV Group, said: “For many owners and builders, system footprint is an important consideration. As a flat packed, split-skid solution, we are able to simplify the installation process and reduce installation costs and time as a BIO-SEA Easy-To-Fit system can easily fit through existing hatches and doors, without having to cut access holes into the vessel. It is the most compact BWTS on the market, with a footprint of only 1.5m².”

Unlike other systems designed for low flow rates of between 10 to 90m³/h, BIO-SEA’s filters and valves are designed specifically for the system’s capacity. Competing systems often incorporate filters and pipework much larger than their flow rates actually require, resulting in an overall greater footprint.

Xavier Deval, BIO-SEA Business Director, said: “While naval architects now figure the inclusion of a ballast water treatment system into newbuild design, the cramped machinery spaces on older vessels can be problematic for ballast water treatment retrofits. We developed BIO-SEA Easy-To-FIT specifically to meet the maritime industry’s retrofit requirements.”

BIO-UV can also supply each BIO-SEA Easy-To-Fit unit with CuNiFe pipework and high gloss finishing, something which Rouzel said is “typically, a key specification for high-end yacht projects, in particular.”

The French company, a pioneer in UV-based water treatment technology, is currently involved in a project to retrofit a BIO-SEA unit to a 126m mega yacht in the Netherlands and in April this year supplied a BIO SEA 30 unit for retrofit to a 45m yacht in Italy.

Newbuild projects to which BIO-UV has been contracted to supply BIO-SEA units include a 45m yacht under construction in Italy and three Netherlands-built 60m yachts.

Pictures/Captions



Left: Ludovic Rouzel, BWT Contracts Manager, BIO-UV Group

Right: A BIO-SEA EASY-TO-FIT BWTS



High resolution photographs can be downloaded from www.seabornecomms.com

About BIO-UV Group

For almost 20 years, BIO-UV Group has been designing, manufacturing and marketing ultraviolet light (UV-C) water treatment technologies for a multitude of industrial applications. In 2013, it added the treatment of ship ballast water to its range. The company's product range is designed and produced at its own purpose-built facility in Lunel, France, allowing the company to quickly respond to its customer's specific requirements.

The public-listed company, since July 2018, has a consolidated turnover 2018 of €12.4 million and a current workforce of 70 employees. More than 50% of the group's sales are made in export markets and a significant growth of more than 22% has been realized in 2018, of which more than 70% on the market for ballast water treatment.



PRESS RELEASE

18 SEPTEMBER 2019

For further information, please contact:



Coralie Mazauric
Marketing & Communication Manager
BIO UV Group
Email: cmazauric@bio-uv.com
Tel.: +33 (0)4 99 13 77 84



SEABORNE COMMUNICATIONS

Patrik Wheeler
PR Director
Seaborne Communications
Email: pr@seabornecomms.com
Tel: +44 (0) 208 339 6149