US-based water and wastewater treatment specialist Scienco/Fast Inc has acquired the InTank ballast water treatment system developed by Envirocleanse, a division of Charter Brokerage, a Berkshire Hathaway company.

In February 2019, Envirocleanse’s InTank became the 15th ballast water management system (BWMS) to be granted US Coast Guard type-approval, making it the first system that treats ballast water during the voyage to be type-approved.

The InTank system uses a dispersion system developed by marine consultancy Glosten and patented by the US Geological Survey for mixing its active substance, sodium hypochlorite, in the ballast tanks. The chemical can either be produced by electrolysis or supplied as a bulk compound.

The InTank BWMS is said to treat and neutralise ballast water in the tank. This means technical compliance with the type-approval certificate is achieved before discharge, and InTank also allows the vessel to actively control any regrowth potential for as long as ballast remains in the tanks.

Following the sale, the BWMS will now be known as Scienco InTank ballast water treatment system. Scienco/Fast is a division of privately held BioMicrobics, which produces advanced water and wastewater solutions. The InTank ballast water treatment system complements a range of marine solutions including:

- **MarineFAST** - wastewater treatment systems.
- **BioBarrier** - marine membrane bioreactor for total blackwater and greywater recycling on board.
- **Porta/FAST** - completely self-contained restroom with fully certified sewage treatment plant.
- **SanILIFT** - designed to move wastewater from lower to higher elevation, particularly where the elevation of the source is not sufficient for gravity flow.

Envirocleanse continues to trade and will focus on development and sales of the Envirocleanse-A disinfectant solution.