

RWO

BilgeEconomiser

An economical addition to your oil-water separation system



 **VEOLIA**
WATER

Solutions & Technologies

A small issue with big outcome

Aboard every ship, so called 'clean drains' are treated in oil-water separation systems and strain machines and resources. These clean drains usually consist of leakage of and condensate from equipment used for seawater, fresh water, steam, air conditioning, etc., which are usually not contaminated by oil.

Based on the IMO guidelines for 'Integrated bilge water treatment systems' (IMO MEPC.1/Circ.642), RWO has developed the **BilgeEconomiser**.

The **BilgeEconomiser** allows ship operators to discharge so called 'clean drains' overboard without any further treatment.

As a consequence the bilge water volume handled by the oily water separator is much smaller, which reduces not only operating cost significantly.

Your advantages

- Increased cargo capacity due to smaller bilge holding tank
- Fewer operations of OWS required (not allowed in certain areas/ports)
- Smaller oily water separator (reduced capex)
- Increased maintenance intervals and reduced labour cost

Working principle

The **BilgeEconomiser** is an easy to operate stand-alone oil monitor with automatic and manual 3-way valves and is installed after the discharge pump of the clean drain holding tank. As long as the oil content of the clean drain is below the set discharge limit value, it is discharged directly overboard. Whenever the oil content exceeds the set limit value it is diverted to the bilge holding tank for further treatment by the oily water separator.

