

# Bilge Economizer Oil-water Separation System

**RWO**

## A Small Issue With Big Result

On board 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 and condensate from equipment used for seawater, fresh water, steam, air conditioning and other systems, 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 Bilge Economizer.

The Bilge Economizer allows ship operators to discharge the 'clean drains' overboard without any further treatment.

As a result, the bilge water volume handled by the oily water separator is much smaller, which reduces operating cost significantly.



Bilge Economizer to discharge clean drains safe and efficient

# How it Works

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

## Key Features & Benefits

- > Less operation cycles of OWS system required (reduced OPEX)
- > Smaller oily water separator (reduced CAPEX)
- > Less maintenance and reduced labour costs
- > Can alternatively be supplied as loose components

