



Ballast Water Management System



Mobile Offshore Drilling Unit BWMS



The Ideal Ballast Water Management Solution for Semi-Submersible Rigs ♦ Jack-Up Rigs ♦ Drillships ♦ FPSOs ♦ FSRUs

The BWM Convention applies to all vessels over 400 gt and includes submersibles, floating crafts, floating platforms, floating storage units (FSU), and floating production storage and offloading units (FPSOs). There have been great challenges to retrofitting a ballast water management system (BWMS) to Mobile Offshore Drilling Units (MODUs) with limited, viable options available to the offshore market; until now!

Ecochlor Introduces the “EcoOne® Container Unit” for the Offshore Market



ONE SYSTEM FOR ALL CONNECTIONS

The EcoOne® Container Unit can simultaneously serve up to four separate sea chests or quadrants with one system. There is no need to purchase multiple of BWMSs for each rig or vessel.



GRAVITY BALLASTING

With a UV or electro-chlorination system extensive piping modifications are required to gravity ballast. With EcoOne® you can gravity ballast on uptake and discharge and there is no need to re-treat or neutralize at discharge.



MINIMAL RETROFIT REQUIREMENTS

There are minimal installation requirements: besides the EcoOne® Container Unit with EcoOne® generator and chemical tanks, it is just one-way, 1” piping and minimal changes to the existing ballast piping. No filters are required.



SPACE SAVING

It is challenging to find a BWMS that can even fit on a rig or an offshore platform. The EcoOne® Container Unit has a very small total footprint and can be removed while the MODU is stationary, offering valuable deck space during operation.



VERY LOW POWER

As well as limited space, offshore rigs and vessels have relatively small power generators, which eliminates most BWMSs retrofits. The EcoOne® has the lowest demands in the industry with a maximum power capacity at 12kW.



COST EFFECTIVE

No filter. Limited piping. One system per four quadrants or sea chests. Very low power. In total, the savings for an EcoOne® Container Unit speaks for itself. Plus, a single unit can be shared between multiple rigs and / or vessels.

Unique Benefits of EcoOne® Filterless BWMS



Simple, flexible design that is easy for the crew to operate and requires minimal maintenance and OPEX!

Ecochlor's systems are 'fit for purpose' all the way down to the component level. Ensuring maximum reliability means using high-quality, rugged, reliable components within an inherently simple system. Thus, minimizing equipment failure and extending the life of the BWMS. All of the Ecochlor BWMSs are IMO and USCG Type Approved.

Selecting the EcoOne® BWMS offers a number of advantages over other treatment technologies for the offshore marketplace:

- **NO** problematic TRO sensors that can interrupt ballasting or de-ballasting operation
- **NO** electrodes or complex power supplies
- **NO** filter

Unlike other water treatment technologies, changes in water conditions - salinity, temperature and turbidity - do not influence the effectiveness of ClO_2 . There is no need for the crew to adjust the system when faced with varying waters.

Our powerful ClO_2 treatment technology has been tested extensively to ensure that it works effectively as a single pass treatment under all operating conditions with no neutralization or retreatment prior to discharge.

Ecochlor has service engineers located throughout USA, Europe and Asia. We supply local assistance and support and have Regional Service Managers in the United States, China, Singapore and Europe. We continue to strengthen our in-house team supported by carefully selected Authorized Installation and Service providers strategically located worldwide.

Our spare parts and service network is located in multiple areas throughout the three major time zones to offer real-time response to our clients.

Contact us at: www.ecochlor.com/contact-ecochlor-worldwide

