



# Regulatory Update

## USCG Updates

### Annual Ballast Water Summary Report for COTP

Taking effect October 1, 2018, the USCG promulgated a [final rule](#) eliminating the requirement for certain vessels that operate exclusively within a single Captain of the Port (COTP) zone to submit an Annual Ballast Water Summary Report.

### VGP Update

The [EPA has announced](#) that they will not re-issue the Vessel General Permit before the 2013 version expires in December 2018. The permit will be "administratively continued" until the next version can be drafted and complete the rulemaking process. Owners are advised to closely review this information, particularly if they have vessels that currently do not have permit coverage. For more information see the EPA ([Update](#)).

### USCG Clarifies Responsibilities of BWMS Testing

ShipInsight's, editor Malcolm Latarche released an article regarding the US Coast Guard's (USCG) letter on detailed guidance to Independent Labs. In the [8-page letter](#) the USCG clarifies the responsibilities of the BWMS manufacturer, the Coast Guard-accepted IL, and the USCG itself, with regard to evaluating and assessing operational limitations of BWMS.

### USCG Presentation, *Walking the Walk* at BWMTech North America

The USCG had a strong presence at the BWMTech North America 2018 conference, fielding questions from stakeholders and providing useful feedback on extensions, type approval and next steps. A summary of the presentation given by Cdr. Alan Moore and additional information from the USCG has been posted on the [Maritime Commons](#) blog.

### USCG Type Approval Applications:

On October 26, the USCG type approved the Hyundai Heavy Industries' HiBallast ballast water management system. The treatment principle of the HiBallast BWMS consists of filtration with electrolysis during uptake and neutralization during discharge.

The following BWMS have applied for USCG Type Approval: On Oct 19, Wartsila Aquarius UV ); on Oct 18, DESMI Compact Clean; and, on October 9, the NK-O3 BlueBallast II Plus. A complete [list of ballast water treatment systems](#) that have been approved or have type approval applications currently under review can be found on the Marine Safety Center webpage.

## IMO

**Marine Environment Protection Committee (MEPC), 73rd session, 22-26 October 2018**  
[MEPC 73](#) approved circulars on, the *Guidance on System Design Limitations of ballast water management systems and their monitoring*, and [Guidance for the commissioning testing of ballast water management systems](#).

The Committee also adopted amendments to update the [Guidelines for ballast water](#)

[management and development of ballast water management plans \(G4\)](#) to address adding information on contingency measures in ballast water management plans.

The MEPC has recognized that there may be a need for future improvements to the BWM Convention in the light of experience gained and has approved a data gathering and analysis plan for an experience-building phase with draft amendments to the Convention possibly put forward for consideration at a future MEPC. It was agreed that two new outputs should be included in its agenda: "Review of the BWM Convention based on data gathered in the experience-building phase", and "Urgent measures emanating from issues identified during the experience-building phase of the BWM Convention", both with a target completion year of 2023.

The Committee also planned for a sub-committee to develop training provisions for seafarers related to the BWM Convention, with a target completion year of 2021.

### **Harmonized System of Survey and Certification (HSSC)**

At the IMO's III 5 meeting, the BWM and Survey Guidelines under the Harmonized System of Survey and Certification (HSSC) was discussed, and further work will be completed by a Correspondence Group coordinated by China. The HSSC is expected to address the differing versions of Guideline 8 for BWMS certification.

### **Nigerian Ports Authority (NPA) Reviews Inspection and Shoreside Treatment**

The [Nigerian Ports Authority \(NPA\)](#) is working toward implementation of the BWM Convention in their ports, indicating that they "...are going to step up the inspection of ships...". In addition, the NPA is interested in establishing a shoreside treatment facility.

### **BWM Key Timelines**



The Ballast Water Management Convention came into force on 8 September 2017. Compliance with the D-2 standard will be phased in over time for individual ships, up to 8 September 2024. An IMO infographic on complying with the Ballast Water Management Convention can be reviewed [here](#).

## **Other Updates**

### **DNV GL Releases Article on Need for Harmonization Between IMO and USCG BWMS for Compliance**

When a manufacturer of a BWTS applies for the system to be an AMS, they also commit to proceed with the type approval testing per the USCG requirements. As a general observation, our experience [DNV GL] is that for most systems going through the USCG type approval testing, changes are made to the BWTS (or its operating procedures), compared to the model originally tested under the requirements of the BWM Convention. DNV GL recommends that all ship owners request a statement from the BWTS manufacturer to confirm that a BWTS, installed in the past on one of its vessels and now given a new nameplate referring to the USCG type approval, is "identical" to the model that was USCG type approved. Read the complete article [here](#).



### Ecochlor Powers Ahead

As the ballast water management system market develops, Ecochlor is emerging as a leader. Watch the Maritime Reporter interview with John Morganti, Vice President of Sales & Marketing and Greg Trauthwein, VP of New Wave Media during the International SMM Maritime Trade Fair.

## Ecochlor in the News

Please contact Ecochlor at [sales@ecochlor.com](mailto:sales@ecochlor.com) to learn how the Ecochlor® BWTS can help your vessels achieve and maintain compliance with international ballast water regulations.

## MAGAZINE ARTICLES & INTERVIEWS

### Propulsion Magazine,

September Issue

#### *BEMA: now is the 'last possible minute' to install ballast systems*

"Time has run out for shipowners who have put off ordering and installing ballast water treatment systems for their vessels, according to the Ballast Water Equipment Manufacturers' Association (BEMA). . . . Ecochlor chief executive Steve Candito was quoted in the letter: "We are assisting several clients now on the more costly and difficult prospect of installing systems while the vessel remains in service rather than in a drydock simply because the decision was made too late."

### Motorship, September Issue

News Review



Scorpio Tankers has signed major deal with ballast water management system supplier Ecochlor to provide units for 55 product carriers. Read the News Review [here](#).

### Shiplnsight,

September Online e-news

#### *Taking care of customers who buy ballast water treatment systems*

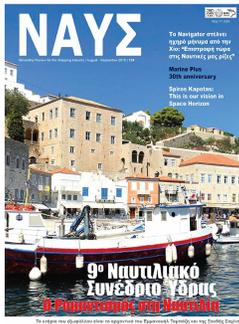
"At least one maker is prepared to go a little further - Ecochlor's new EcoCare™ guarantee might be seen as an industry first. So long as the system is operated in accordance with maker's instruction, this ensures regulatory compliance with IMO, USCG and individual U.S. state standards now and throughout the life of the system. In addition, the guarantee addresses system efficacy as it pertains to treating ballast water for invasive species contamination and it insures against financial penalties up to \$1,000,000 relating to fines, port charges, delays and off-hire.

As part of the EcoCare guarantee, the company proactively tracks all ballasting operations with results reported via a Functional Monitoring Data Sheet and other remote monitoring tools. It also has a 24/7 international call centre for when crews and operators need support.

Finding a company that is prepared to stand full square behind its products is just part of the battle for buyers of new ships. The main problem is ensuring that the shipyard is willing and able to include the desired products within the newbuilding contract." Read the complete article [here](#).

## **NAFSgreen**, September Online e-news

### *Ecochlor Completes Harmonization of IMO and USCG Type Approvals*



Ecochlor is pleased to announce the complete harmonization of USCG Type Approval to their IMO Type Approval for their line of Ecochlor® Ballast Water Treatment Systems. During Ecochlor's USCG Type Approval amendment process, minor updates and improvements were made to aspects such as documentation, available filter models, and control system software. Once the USCG Type Approval amendment was complete, Ecochlor worked with DNV GL as the Recognized Organization for the Norwegian Maritime Authority to harmonize all aspects of the USCG approved system with the existing IMO Type Approval. One important update was the inclusion of additional FilterSafe models to the approved equipment list, such as FilterSafe's highest throughput SuperTurbo (ST) filter. This update increases the design and installation options for ship owners.

## **CONFERENCES, EXHIBITS AND PRESENTATIONS**

### **BWMTech North America**

Fort Lauderdale, Florida



Leif Melhus, Engineering Manager, presented a case study about the Ecochlor system installation on board the *Alek sey Kosygin*.

He also spoke on a panel on, *Identifying Crew Training Methods for Successful BWMS Hanover*.

### **SHIPPINGInsight**

Stamford, CT



Steve Candito, CEO, was part of a panel of experts speaking on *Ballast Water Challenges and Solutions*.

### **InterManager Annual Meeting**

London, UK



Mike Hasson, Director Vessel Support Operations, was part of an environmental panel entitled, *2020 Sulphur Cap and Ballast Water Management. A regulatory minefield or is it all about proper planning?*

## Seatrade Maritime Middle East

Dubai, UAE



Seatrade Maritime Middle East 29-31 October 2018 Dubai World Trade Centre, Dubai, UAE Part of #STMME18

**JOIN US ON STAND L30**

**ecochlor**

**Free Workshop Session**  
**Ballast Water Management: Knowledge is Compliance**  
Tom Perlich, Ecochlor Managing Director  
Tuesday 30 October 2018  
11:00 - 12:00 hrs  
Breakout Theatre, Show Floor, Hall 6

Tom Perlich, Managing Director, presented a workshop on Ballast Water Management: Knowledge is Compliance.

## 7th Annual World Congress of Ocean 2018

Waihei, China

Leif Melhus, Engineering Manager, was an honored speaker presenting a technical paper on the BWMS Installation of the **Aleksey Kosygin**.

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