



Technical Circular

No.: 024/2015

Date: 06th August 2015

To Whomsoever it may concern.

Subject: List of Ballast water management systems listed in Marine Safety Centre register published by USCG

The United States Coast Guard (USCG) has recently updated the letter of intent (LOI) list which shows that 25 number ballast water management system manufacturers have filed letters of intent with the USCG to seek US type approval. The list published on 29 July 2015 is attached for your reference.

It may be noted that while reviewing this document, there is no additional information on where each manufacturer stands in the certified lab testing process. The Chamber of Shipping of America (CSA) in one of their News articles have stated that based on their most recent communications with USCG and certain manufacturers, it is understood that three systems (all using UV treatment technology) have filed completed test packages with the USCG. It is also stated by CSA that during their discussion in previous meetings, the USCG has not yet made a decision on the validity of efficacy measurement protocols for UV based systems thus there is still no relative certainty as to when the USCG will issue a type approval decision for those three systems.

The most important information to be gained from this listing is that a large number of systems which have received type approval from other nations are still not on this list.

It is thus recommended that any evaluations being taken by ship owners on ballast water management system purchases should take into account the status of a particular system being assessed and whether the manufacturer has filed a LOI with the USCG.

It is suggested that discussions with manufacturers should necessarily include a discussion on whether that manufacturer intends to pursue a US type approval certification (if it is not already on the list) and when/if that can be expected to occur.

We will keep you updated as new information becomes available.

Enclosure:

- 1) Marine safety center register of received letters of intent (LOI).



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MARINE SAFETY CENTER REGISTER OF RECEIVED LETTERS OF INTENT (LOI)

Manufacturer	Date Received
Alfa Laval PureBallast	8/13/2012
BIO-UV	3/27/2015
Coldharbour Marine	5/28/2015
Desmi Ocean Guard A/S	2/7/2013
Eaton	3/12/2014
Ecochlor, Inc.	12/4/2014
ERMA First Esk Engineering Solutions	10/1/2014
Evoqua Water Technologies LLC	10/16/2014
Headway Technology Co., Ltd	8/13/2014
Hyde Marine	3/2/2015
JFE Engineering Corporation	11/18/2014
KSB Aktiengesellschaft	7/11/2014
Miura Co., Ltd.	7/17/2015
NK Company Limited	5/11/2015
NEI Treatment Systems, LLC	2/6/2015
Oceansaver AS	12/17/2014
Optimarin AS	10/16/2014
Panasia Co., Ltd.	12/9/2013
Samsung Heavy Industries Co., Ltd	6/24/2015
Severn Trent DeNora	3/25/2015
Sunrui Marine Environment Engineering Co., Ltd.	2/3/2015
Techcross Inc.	7/20/2015
Trojan Marinex	4/28/2014
Wartsila Water Systems Ltd.	4/17/2014
Wuxi Brightsky Electronic Co.	4/29/2015

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