



# Marine Safety Center BWMS Type Approval Status



<i>Approved</i>						
Date Received	Manufacturer (Country)	Model	Independent Lab	System Type	Approved Range	Certificate Issued*
20 Sep 2016	Optimarin (Norway)	OBS/OBS Ex	DNV GL	Filtration + UV	167 – 3000 m <sup>3</sup> /h	02 Dec 2016
21 Sep 2016	Alfa Laval (Sweden)	Pure Ballast 3	DNV GL	Filtration + UV	150 – 3000 m <sup>3</sup> /h	23 Dec 2016
23 Sep 2016	OceanSaver AS (Norway)	MK II	DNV GL	Filtration + Electrodialysis	200 – 7200 m <sup>3</sup> /h	23 Dec 2016

<i>Under Review</i>						
Date Received	Manufacturer (Country)	Model	Independent Lab	System Type	Approved Range	Certificate Issued
20 Jan 2017	Sunrui (China)	BalClor	DNV GL	Filtration + Electrolysis	170-8500 m <sup>3</sup> /h	Pending
31 Mar 2017	Ecochlor, Inc. (USA)	Ecochlor BWTS	DNV GL	Filtration + Chemical Injection	500-16,200 m <sup>3</sup> /h	Pending
26 Apr 2017	Erma First (Greece)	Erma First FIT	Lloyds Register	Filtration + Electrolysis	100-3000 m <sup>3</sup> /h	Pending

\*Complete copies of the Coast Guard Type Approval Certificates can be found on the HOMEPORT website at <https://homeport.uscg.mil/ballastwater> or by visiting the USCG Approved Equipment List at: <http://cgmix.uscg.mil/Equipment/Default.aspx>