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BWM.2/Circ.9  
28 February 2007

**INTERNATIONAL CONVENTION FOR THE CONTROL  
AND MANAGEMENT OF SHIPS' BALLAST WATER  
AND SEDIMENTS, 2004**

**List of ballast water management systems that make use of Active Substances which  
received approval in 2006**

1 The Ballast Water Management Convention, 2004 (BWM Convention), in its regulation D-3.2 provides that ballast water management systems which make use of Active Substances to comply with the Convention shall be approved by IMO based on a procedure developed by the Organization. According to regulation A-1.7 of the Annex to the same Convention, an Active Substance is a substance or organism, including a virus or a fungus, that has a general or specific action on or against harmful aquatic organisms and pathogens.

2 The Marine Environment Protection Committee (MEPC), at its fifty-third session (18 to 22 July 2005), adopted the 'Procedure for approval of ballast water management systems that make use of Active Substances (G9)' by resolution MEPC.126(53). Section 8 of the Procedure sets out the methodology to be followed for the approval of such ballast water management systems and requests IMO to record the Basic and Final Approval of Active Substances and Preparations and ballast water management systems that make use of Active Substances and to circulate the list once a year. At the same session, MEPC established a Technical Group (GESAMP-Ballast Water Working Group) under the auspices of GESAMP\*, to evaluate Active Substances and the relevant systems and advise the MEPC accordingly.

3 Following consideration of the GESAMP-Ballast Water Working Group reports, MEPC at its fifty-fourth and fifty-fifth sessions in 2006, gave Basic Approval to four ballast water management systems that make use of Active Substances. In accordance with the Procedure (G9), the list at annex provides relevant information on the above-mentioned four ballast water management systems.

4 Member Governments are invited to bring this circular to the attention of all the parties concerned.

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\* GESAMP stands for 'IMO/FAO/UNESCO-IOC/WMO/WHO/IAEA/UN/UNEP Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection'.



## ANNEX

**LIST OF BALLAST WATER MANAGEMENT SYSTEMS THAT MAKE USE OF ACTIVE SUBSTANCES WHICH RECEIVED APPROVAL  
IN ACCORDANCE WITH REGULATION D-3.2 OF THE BALLAST WATER MANAGEMENT CONVENTION**

<b>Name of the system and MEPC document related to the proposal for approval</b>	<b>Name of manufacturer</b>	<b>Relevant GESAMP-Ballast Water Working Group report</b>	<b>Date of Approval (Basic Approval and Final Approval)</b>	<b>Specifications</b>
1. Peraclean® Ocean  MEPC 53/2/12 (Germany)	Hamann AG, Germany	MEPC 54/2/12, annex 5	Basic Approval 24 March 2006 (MEPC 54)	Flag State Administration was invited to authorize on-board testing only when the concerns identified in annex 5 of the Report of the first meeting of the GESAMP-Ballast Water Working Group (MEPC 54/2/12) had been addressed to its complete satisfaction.
2. Electro-Clean (electrolytic disinfection) system  MEPC 54/2/3 (the Republic of Korea)	Techcross Ltd. and Korea Ocean Research and Development Institute (KORDI)	MEPC 54/2/12, annex 6	Basic Approval 24 March 2006 (MEPC 54)	Flag State Administration was invited to authorize on-board testing only when the concerns identified in annex 6 of the Report of the first meeting of the GESAMP-Ballast Water Working Group (MEPC 54/2/12) had been addressed to its complete satisfaction.
3. Special Pipe Ballast Water Management System (combined with Ozone treatment)  MEPC 55/2 (Japan)	Japan Association of Marine Safety (JAMS)	MEPC 55/2/16, annex 5	Basic Approval 13 October 2006 (MEPC 55)	Flag State Administration was invited to take into account all the recommendations indicated in annex 5 of the Report of the second meeting of the GESAMP-Ballast Water Working Group (MEPC 55/2/16) during further development of the system.
4. EctoSys™ electrochemical system  MEPC 55/2/4 (Sweden)	Permascand AB, Sweden, subsequently acquired by RWO GmbH, Leerkaempe 3; D-28259 Bremen, Germany	MEPC 55/2/16, annex 7	Basic Approval 13 October 2006 (MEPC 55)	Flag State Administration was invited to take into account all the recommendations indicated in annex 7 of the Report of the second meeting of the GESAMP-Ballast Water Working Group (MEPC 55/2/16) during further development of the system.