



## Baltic Marine Environment Protection Commission

Maritime Group  
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<b>Document title</b>	Work Plan 2014-2016 for HELCOM Cooperation Platform on Port Reception Facilities in the Baltic Sea
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<b>Category</b>	DEC
<b>Agenda Item</b>	5 - Sewage discharges from ships and port reception facilities
<b>Submission date</b>	4.11.2014
<b>Submitted by</b>	Drafting group
<b>Reference</b>	

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### Action required

The Meeting is invited to agree on the revised version of the work plan.

## WORK PLAN FOR FURTHER WORK 2014-2016 WITHIN THE FRAMEWORK OF THE COOPERATION PLATFORM ON PORT RECEPTION FACILITIES

Further work is needed regarding following issues	Activities	Deadline for work within the Cooperation Platform	Final deadline	Leading country/countries/stakeholder
<b>2013 Background information/Overview document</b>				
<p>1. Collect and make available information on cruise ships operating in the Baltic Sea and their sewage treatment technologies, including any needs to discharge sewage sludge or bio-residue to PRF.</p>	<p>{Interseasonal work to complement the HELCOM overview}</p> <p>If HELCOM can provide an outline reporting system on desired and actual sewage PRF discharge the shipping industry can provide information through such system.</p> <p>Shipping industry want to have a web-based portal where they can provide information on not only the amounts which they are planning to discharge but also with the possibility of reporting the amounts of sewage they would have liked to discharge but did not due to limited PRF capacity in the port.</p> <p><del>Quality (untreated sewage/treated sewage according to certain IMO standard/sewage sludge/grey water) of sewage to be discharged.</del></p>	<p>Cooperation platform event 2014</p>	<p><u>Completed 2014;</u></p> <p><u>Survey is completed; the results will be submitted to the secretariat before the end of 2014.</u></p>	<p>Secretariat?</p>
<p>2. Baltic-wide and port-wise information on the capacity to receive sewage (flow <u>rate</u> and total volume) <del>which would enable sewage discharge planning by ships.</del></p>	<p>The HELCOM Overview is a good start. There are suggestions to include more information on each ports PRF to make the document usable for planning ship-itineraries (flow (m3/h), total volume, possibilities to serve simultaneously several ships).</p>	<p>Update the information by 20 December 2013</p>	<p><u>Update the information by January 2015</u></p>	<p>Secretariat</p> <p>Each Contracting Party shall provide updated and further information on each of their ports receiving <u>[international]</u> passenger traffic <u>[including ports that have not responded]</u> to the secretariat <u>[by 30<sup>th</sup> of November 2014]</u>.</p>
<b>2014 &amp; 2015 Outstanding issues related to sewage composition and treatment:</b>				

<p>3. Compatibility between municipal waste water treatment demands on sewage composition and the composition of sewage from ships should be studied in more detail.</p>	<p><u>Quality/Composition (untreated sewage/treated sewage according to certain IMO standard/sewage-sludge/grey water) of sewage to be discharged.</u></p> <p>The cruise and ferry industry are willing to provide additional information on the sludge and sewage output of different commonly used wastewater treatment plants configurations aboard ships.</p> <p><u>Encourage ports and WWMT to consider the information provided by the studies referred to in column 4.</u></p> <p><u>Encourage, if necessary, the shipping industry to provide information on the amounts and viscosity for sewage, sewage sludge and bio residue that will be discharged.</u></p> <p>MWWT are encouraged to share their experiences on treating ships sewage (information including composition of sewage and sewage sludge received).</p>	<p>Cooperation Platform event 2014</p> <p>Cooperation Platform event 2015</p>	<p><u>The results of the study conducted by the port of Stockholm as well as the results of the survey conducted by CLIA on sewage composition will be submitted by the end of 2014.</u></p>	<p><u>CP, Shipping industry, ports and WWMT (waste water management treatment plants)</u></p>
<p><b>2015: Outstanding technical issues related to sewage delivery including malfunctions:</b></p>				
<p>4. Clarify which technological solutions that are needed in the ports to receive sewage sludge/bio-residue.</p>	<p><u>Task for the shipping industry to clarify the amounts and viscosity for receiving sludge/bio-residue.</u></p> <p><u>Encourage ports and WWMT to consider the information provided by the studies referred to in p.3</u></p>	<p>Cooperation Platform event Spring 2015</p>		<p><u>Shipping industry, CP, ports and WWMT</u></p>
<p>5. Malfunctioning PRF</p>	<p><u>CPs, ports and ships have to develop contingency plans for occasions when PRFs are not functioning.</u></p>	<p>Cooperation Platform event 2015</p>		<p><u>Ports, ships and CPs</u></p>
<p>6. Malfunctioning PRF</p>	<p><u>Ports need to have information from the shipping industry on amounts, quality and sewage sludge that will be discharged.</u></p>	<p>Cooperation Platform event 2014</p>		<p><u>Ports and Shipping industry</u></p>

	<del>Planning can be based on information provided elsewhere in the action plan.</del>			
<b>2015: Outstanding issues related to fees:</b>				
[7. Defining characteristics of sewage which ports are obliged to receive under the No-Special-Fee.]	Cooperation Platform event 2015			Finland?
[8. Defining characteristics of sewage which can be charged separately.]	Cooperation Platform event 2015			
<b>Other outstanding work</b>				
<del>9. Define through port shipping company cooperation, on port by port basis, the needs of regularly visiting ships in terms of anticipated quantities (min-max) and qualities of waste water.</del>	<del>Cooperation Platform event 2014</del>			<del>Cruise industry willing to provide information on the anticipated volumes of sewage produced in a day.</del>
10. Information on financing investments in PRFs and sewage treatment plants ashore				CPs