

## **Annex II (noxious liquid substances in bulk)**

### **1. General**

Categorization and listing of noxious liquid substances into four categories (according to Regulation 6 of Annex II to the MARPOL Convention)

<b>Category</b>	<b>Hazard to marine resources or to human health</b>	<b>Harm to amenities or other legitimate uses of the sea</b>
X	Major hazard	Serious harm
Y	Hazard	Harm
Z	Minor hazard	Minor harm
OS*	No categorization under group X, Y or Z according to Regulation 6.1	Considered to present no harm

\* = other substances

These substances are not subject to the provisions of Annex II.

**The carriage and discharge of non-categorized substances are prohibited (Paragraph 1.3 of Regulation 13 of Annex II to the MARPOL Convention).**

### **2. Discharging of residues of noxious liquid substances Regulation 13 of Annex II to the MARPOL Convention**

Before any prewash or discharge procedure is carried out in accordance with the conditions stipulated below, the relevant tank shall be emptied to maximum extent in accordance with the procedures prescribed in the Manual.

<b>Groups</b>	<b>Discharge requirements</b>
X	<ul style="list-style-type: none"><li>- Tank <u>must</u> be prewashed <u>before</u> leaving the port.</li><li>- Resulting residues must be discharged to a reception facility until the concentration of the substance in the effluent to such facility is at or below 0,1% by weight ( ( sample analysis).</li><li>- Remaining tank washings must be discharged to the reception facility</li></ul> <p>Any water subsequently introduced into the tank may be discharged into the sea in accordance with the discharge standards in Paragraph 2 of Regulation 13 of Annex II to the MARPOL Convention.</p>

<p>Y</p>	<ul style="list-style-type: none"> <li>- Tank <u>must</u> be prewashed <u>before</u> leaving the port, as far as the unloading of the cargo has not been carried out in accordance with the Manual.</li> <li>- Tank washings shall also be discharged to a reception facility</li> </ul> <p>For <b>substances assigned to category Y that are persistent floaters</b> with a viscosity equal to or greater than 50 mPa*s at 20°C and/or with a melting point equal to or greater than 0°C, as identified by '16.2.7' in column 'o' of chapter 17 of the IBC Code, the following shall apply in the areas in Paragraph 9 of Regulation 13 of Annex II (see below):</p> <ul style="list-style-type: none"> <li>- a prewash procedure as specified in Appendix 6 to Annex II shall be applied;</li> <li>- the residue/water mixture generated during the prewash shall be discharged to a reception facility at the port of unloading until the tank is empty; and</li> </ul> <p>Any water subsequently introduced into the tank may be discharged into the sea in accordance with the discharge standards in Paragraph 2 of Regulation 13 of Annex II.</p> <p>9 Areas to which regulation 13.7.1.4 applies  9.1 the <i>North West European waters</i>  9.2 the <i>Baltic Sea area</i>  9.3 the <i>Western European waters</i></p>
<p>Z</p>	<ul style="list-style-type: none"> <li>- Tank <u>must</u> be prewashed <u>before</u> leaving the port, as far as the unloading of the cargo has not been carried out in accordance with the Manual.</li> <li>- Tank washings shall also be discharged to the reception facility.</li> </ul> <p>Any water subsequently introduced into the tank may be discharged into the sea in accordance with the discharge standards in Paragraph 2 of Regulation 13 of Annex II.</p>
<p>All substances of the categories X, Y and Z</p>	<p><b>Discharge Standards</b></p> <ul style="list-style-type: none"> <li>- Ship is proceeding en route.</li> <li>- Minimum speed of 7 kn (self-propulsion) or 4 kn (without self-propulsion)</li> <li>- discharging below the waterline</li> <li>- at least 12 nm from the nearest land</li> <li>- in a depth of water at least 25 m</li> </ul>

**Within the Antarctic area of jurisdiction, any and all discharging of noxious liquid substances or mixtures containing such substances is forbidden in accordance with Paragraph 8.2 of Regulation 13 of Annex II.**