Use of submerged pumps

Transmitted by the European Barge Union (EBU)\(^1\)\(^2\)

1. Subparagraph (b) of paragraph 9.3.x.52, Type and location of electrical equipment, currently reads as follows:

“(b) Only the following equipment may be installed in the cofferdams, double-hull spaces, double bottoms and hold spaces (comparable to zone 1):

- Measuring, regulation and alarm devices of the certified safe type;
- Lighting appliances of the ‘flame-proof enclosure’ or ‘apparatus protected by pressurization’ type of protection;
- Hermetically sealed echo sounding devices the cables of which are led through thick-walled steel tubes with gastight connections up to the main deck;
- Cables for the active cathodic protection of the shell plating in protective steel tubes such as those provided for echo sounding devices.”

\(^1\) In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94, ECE/TRANS/2012/12, programme activity 02.7, (A1b)).

\(^2\) Distributed in German by the Central Commission for the Navigation of the Rhine under the symbol CCNR-ZKR/ADN/WP.15/AC.2/2014/40.
Proposal

2. EBU proposes that the following text be added at the end of subparagraph (b):

“The following equipment may be installed only in double-hull spaces and double bottoms:

- Permanently fixed submerged pumps with temperature monitoring, of the certified safe type.”

Justification

3. The use of submerged pumps in double-hull spaces and double bottoms improves discharge and the discharge of ballast water residue, particularly in freezing conditions.