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Inland Transport Committee

Working Party on the Transport of Dangerous Goods

Joint Meeting of Experts on the Regulations annexed to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) (ADN Safety Committee)

Thirty-fourth session

Geneva, 21–25 January 2019

Item 3 (c) of the provisional agenda

Implementation of the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN): interpretation of the Regulations annexed to ADN

Materials of construction (9.1.0.0)

Transmitted by the Government of Belgium^{*,**}

Introduction

1. The Belgian competent authority was requested to issue a certificate of approval for a special service/patrol vessel with a hull made of aluminum.
2. 9.1.0.0 of the ADN states:
“The vessel’s hull shall be constructed of shipbuilding steel or other metal, provided that this metal has at least equivalent mechanical properties and resistance to the effects of temperature and fire.”
3. In the opinion of the Belgian competent authority aluminum does not have the same resistance to the effects of temperature and fire as steel.

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** In accordance with the programme of work of the Inland Transport Committee for 2018–2019, (ECE/TRANS/2018/21/Add.1 (9.3)).

4. When the Belgian competent authority said to the owner that it was not possible to issue a certificate of approval based on 9.1.0.0, a copy of a certificate of approval issued for similar vessel made in aluminum was shown. The certificate of approval was issued under 7.1.2.19.1.

Action to be taken

5. The Safety Committee is asked to open the discussion on this topic and provide an interpretation on 9.1.0.0. What other metals which are commonly used for shipbuilding could be considered as having “equivalent mechanical properties and resistance to the effects of temperature and fire”?
