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Economic Commission for Europe**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-first session**

Geneva, 28-31 August 2017

Item 4 (b) of the provisional agenda

**Proposals for amendments to the Regulations annexed to ADN:
other proposals****Class A-60 Fire Protection****Transmitted by the Recommended ADN Classification Societies*******Introduction**

1. During the twenty-eighth session of the ADN Safety Committee, the proposed amendments to 9.3.X.11.3 (a) (see informal document INF.26 of said session submitted by the Recommended ADN Classification Societies) were adopted by the Safety Committee. (After “from the accommodation” insert “, engine rooms”. (See document ECE/ADN/36).
2. But some inconsistencies in the references to bulkheads with insulation of Class “A-60” according to SOLAS 74 were highlighted (e.g., in paragraphs 9.3.X.11.3 (a), 9.3.X.17.5 and 9.3.X.17.6) and the Recommended ADN Classification Societies were invited to study the matter.
3. The current text of these paragraphs is provided below.

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** In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/2016/28/Add.1 (9.3.)).

9.3.1.11.3 (a) The hold spaces shall be separated from the accommodation, engine rooms and service spaces outside the cargo area below deck by bulkheads **provided with a Class A-60 fire protection insulation according to SOLAS 74, Chapter II-2, Regulation 3**. A space of not less than 0.20 m shall be provided between the cargo tanks and the end bulkheads of the hold spaces. Where the cargo tanks have plane end bulkheads this space shall be not less than 0.50 m.

9.3.2.11.3 a) The cargo tanks shall be separated by cofferdams of at least 0.60 m in width from the accommodation, engine rooms and service spaces outside the cargo area below deck or, if there are no such accommodation, engine room and service spaces, from the vessel's ends. Where the cargo tanks are installed in a hold space, a space of not less than 0.50 m shall be provided between such tanks and the end bulkheads of the hold space. In this case an end bulkhead **meeting at least the definition for Class "A-60" according to SOLAS 74, Chapter II-2, Regulation 3**, shall be deemed equivalent to a cofferdam. For pressure cargo tanks, the 0.50 m distance may be reduced to 0.20 m.

9.3.3.11.3 (a) The cargo tanks shall be separated by cofferdams of at least 0.60 m in width from the accommodation, engine rooms and service spaces outside the cargo area below deck or, if there are no such accommodation, engine room and service spaces, from the vessel's ends. Where the cargo tanks are installed in a hold space, a space of not less than 0.50 m shall be provided between such tanks and the end bulkheads of the hold space. In this case an end bulkhead **meeting at least the definition for Class "A-60" according to SOLAS 74, Chapter II-2, Regulation 3**, shall be deemed equivalent to a cofferdam. For pressure cargo tanks, the 0.50 m distance may be reduced to 0.20 m.

9.3.2.17.5 d) Penetrations through a bulkhead with an "A-60" fire protection insulation according to SOLAS 74, Chapter II-2, Regulation 3, shall have an equivalent fire protection.

9.3.2.17.6 A service space located within the cargo area below deck shall not be used as a cargo pumproom for the loading and unloading system, except where:

- the pump room is separated from the engine room or from service spaces outside the cargo area by a cofferdam or a bulkhead with an **"A-60" fire protection insulation according to SOLAS 74, Chapter II-2, Regulation 3**, or by a service space or a hold space;
- the "A-60" bulkhead required above does not include penetrations referred to in 9.3.2.17.5 (a);

4. The Recommended ADN Classification Societies suggests to adopt in 9.3.x.11.3 (a), 9.3.x.17.5 (d) and 9.3.x.17.6 the text **"bulkhead of Class "A-60" as defined in SOLAS 74, Chapter II-2, Regulation 3"**.*

* Note by the secretariat: For the purpose of consistency, the term "SOLAS" defined in 1.2.1 should be replaced by the term "SOLAS 1974" which is used elsewhere in the Regulations annexed to ADN.