
Economic Commission for Europe**Inland Transport Committee**

17 January 2020

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)****Thirty-sixth session**

Geneva, 27-31 January 2020

Item 4 (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

**Minor addition to Working document 2020/2; ADN
9.3.x.21.1.g****Transmitted by EBU/ESO****I. Sampling devices**

1. EBU/ESO fully supports the proposal of Germany and Austria regarding the requests for amendments and explanatory statements concerning the connection for sampling devices. EBU/ESO would like to add a small wording regarding the new proposed sentence in ADN 9.3.x.21.1.g, as mentioned in WD.2020/02, under '6'.

The aim is to be fully covering all possible pressure situations, as the connection of the sampling system and the shut off device could be placed both on cargo tanks or on pipe line systems (discharge line).

2. Explanation sampling systems practise:

In the cargo tanks for at least type N and type C vessels, the pressure will not exceed 10 or 50 kPa (0,1 resp. 0,5 bar). If the sampling connection is placed on the cargo tanks, the proposal of WD.2020/02 is fully covering the situation.

But, in those cases that the sampling connection is placed on the discharge line system of the vessel, the discharge pump shall be started to reach pressure on the pipe line system and then, the sample can be taken. In this case, much higher pressures are achieved at the sampling connection, compared to the cargo tanks. The pipe line system is equipped for a maximum pressure of 10 bar (1000 kPa, "PN-10", reference ADN 9.3.x.23.3). There are both vessels equipped with the sampling connections installed on the cargo tanks and vessels equipped with sampling connections installed on the discharge pipe line systems.

3. Proposal: to cover both situations; pressures possible in cargo tanks and in discharge pipe line system, EBU/ESO proposes to add the following wording to the proposal:

English "The connection shall be fitted with a shut-off device resistant to the **possible** internal pressure **at the sampling point** of the cargo tank."

Deutch: "Der Anschluss muss mit einer Absperrinrichtung versehen sein, ~~welche die~~ dem ~~im Ladetank~~ **am Anschluss möglicherweise auftretende** Innendruck widerstehen kann."

4. EBU/ESO invite the ADN Safety Committee to consider the proposed addition, and to take action as it deems appropriate.
