

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)

Twenty-fifth session
Geneva, 25-29 August 2014
Agenda item 4(b)

**Proposals for amendments to the Regulations annexed to ADN:
Other proposals**

Possible amendments to Table C

Transmitted by the Government of Belgium

Introduction

1. Document ECE/ADN/27 says the following regarding refrigeration systems of tank vessels:

"9.3.x.27.6 The refrigeration system may take one of the following forms:

(a) Direct system: the cargo vapours are compressed, condensed and returned to the cargo tanks. This system shall not be used for certain cargoes specified in Table C of Chapter 3.2. This requirement is indicated by remark 35 in column (20) of Table C of Chapter 3.2;

(b) Indirect system: the cargo or the cargo vapours are cooled or condensed by means of a coolant without being compressed;

(c) Combined system: the cargo vapours are compressed and condensed in a cargo/coolant heat-exchanger and returned to the cargo tanks. This system shall not be used for certain cargoes specified in Table C of Chapter 3.2. This requirement is indicated by remark 36 in column (20) of Table C of Chapter 3.2."

2. However, in column (20) of Table C of Chapter 3.2 neither remark 35 nor remark 36 can be found.

Proposal

3. It is proposed that the Safety Committee asks the informal working group on substances to look into this matter.

4. An expert has suggested that at least the following substances should be examined for introduction of remarks 35 and 36 in column (20) (see also IGC Code reg. 17.4.1 and the table in Ch. 19): UN 1040 Ethylene oxide, UN 1089 Acetaldehyde, UN 1280 Propylene oxide and UN 2983 Ethylene oxide and propylene oxide mixture.