

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

Joint Meeting of the RID Committee of Experts and the

Working Party on the Transport of Dangerous Goods

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Item 2 of the provisional agenda

Tanks

13 September 2016

Information about dangerous goods used for cooling tanks or MEGCs

Transmitted by the Government of Germany

In Germany portable tanks are approved intended for the carriage of refrigerated liquefied gases by using UN 1977 Nitrogen (refrigerated liquid) for cooling the tank. In Sweden same kind of tanks were also approved. Up to 1,5 litre per hour of Nitrogen (refrigerated liquid) evaporate in the atmosphere for cooling.

According to 1.1.3.9 RID/ADR (1.1.1.7 IMDG-Code) only Section 5.5.3 RID/ADR applies for Nitrogen used for the cooling purposes. 5.5.3.1.3 RID/ADR states that dangerous goods used for cooling or conditioning tanks or MEGCs during carriage are not subject to this section. It seems no special provisions are applicable (e.g. marking of the Nitrogen for cooling).

Questionable is: Does the relevant stowage regulations of inland or seagoing ships consider the permanent release of Nitrogen also by tanks and are there other aspects to regulate this situation?
