

---

**Economic Commission for Europe****Inland Transport Committee**

2 July 2021

**Working Party on the Transport of Dangerous Goods**

English

**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-eighth session**

Geneva, 23–27 August 2021

Item 2 of the provisional agenda

**Matters arising from the work of United Nations bodies or other organizations**

---

**Status on stability booklet requirements****Submitted by the Central Commission for the Navigation of the Rhine (CCNR)****Introduction**

1. At the 37<sup>th</sup> Safety Committee meeting the German representative raised his concern on differences in the text of 9.3.x.13.3 ADN in English, French and German regarding the provisions for vessel stability.
2. The Dutch representative recalled that requirements for stability have only been transitionally introduced in ADN until general stability provisions are integrated in the ES-TRIN for all inland vessels.
3. ES-TRIN 2021 enters into force on 1 January 2022. The stability provisions were not amended since the first version in 2015. The suggestion to remove the specific stability provisions from the ADN seems hence too optimistic.

**Provisions on vessel stability in ES-TRIN**

4. In 2017, Austria advocated in CESNI for a modernisation of the stability requirements. The topic was on the CESNI work programme 2019-2021, but no progress due to lack of involvement of concerned parties.
5. The stability requirements listed in ES-TRIN are generally formulated and listed at several chapters. The general provisions on inland vessel stability are mentioned in ES-TRIN, Chapter 3, Article 3.02. Specific stability requirement for floating equipment and vessels longer than 110 m in Chapters 22 and 28 and for container vessels Chapter 27 provide stability provisions. (ES-TRIN 2021/1 can be downloaded from the new CESNI website <https://www.cesni.eu/en/> in several language versions).
6. In the working program of ES-TRIN 2022-2023 amendment of the stability provisions are listed and will be taken up by the classification societies. Provided the amendments are adopted for ES-TRIN 2023 they enter into force on 1 January 2024.

## **Provisions on vessel stability in ADN**

7. The ADN stability requirements as mentioned in ADN Nr 9.3.x.13 are updated to adapt ballasting, loading and unloading situations, including the intermediate stages as well as damage stability requirements. As the calculations become too complicated to handle by the ships stability booklet and as alternative an approved stability program is allowed.

## **Conclusion**

8. The stability provisions currently applied at 9.3.x.13 ADN need to stay in the ADN framework as the general provisions in the ES-TRIN will not be updated within the next years.

---