

## **Proposed Regulation concerning amendments to the Regulations on environmental safety for ships and mobile offshore units**

*Laid down by the Norwegian Maritime Authority on dd Month yyyy under the Act of 16 February 2007 No. 9 relating to ship safety and security (Ship Safety and Security Act) sections 2, 3, 6, 13, 31, 32, 33, 34, 35, 37, 38, 41, 43 and 44, cf. Formal Delegation of 16 February 2007 No. 171, Formal Delegation of 31 May 2007 No. 590 and Formal Delegation of 29 June 2007 No. 849.*

I

Regulations of 30 May 2021 No. 488 on environmental safety for ships and mobile offshore units are amended as follows:

New section 12b should read:

Section 12b. Special rules regarding emissions of carbon dioxide (CO<sub>2</sub>) and methane (CH<sub>4</sub>) from passenger ships in the world heritage fjords

In the world heritage fjords, passenger ships shall use sources of energy that do not directly emit carbon dioxide (CO<sub>2</sub>) or methane (CH<sub>4</sub>). When using hydrogen and ammonia the criteria set out in Annex 2 shall be met. The ship shall have documents on board verifying compliance with the requirements.

Fuels producing direct greenhouse gas emissions may be used to the extent necessary to ignite sources of energy referred to in the first paragraph.

If nitrous oxide (N<sub>2</sub>O) is formed when using sources of energy as referred to in the first paragraph, the ship shall use the best available technology to reduce the emissions.

Up until 31 December 2035, passenger ships of 10,000 gross tonnage and upwards may use biogas as a source of energy as an alternative to the requirement of the first paragraph. The biogas shall be made of raw materials as referred to in the Regulations relating to restrictions on the manufacture, import, export, sale and the use of chemicals and other products hazardous to health and the environment (Product Regulations) chapter 3 Annex V Part A. [The biogas shall meet the sustainability criteria, greenhouse gas reductions and documentation requirements set out in the revised Renewable Energy Directive (2018/2001/EU).]

The biogas shall be bunkered within a month of entering the world heritage fjords. The amount of biogas shall correspond to the quantity of energy required in the world heritage fjords. Until the biogas is bunkered, it shall be stored separately from fossil fuels. The ship shall have documents on board verifying compliance with the requirements.

In the world heritage fjords, passenger ships shall use shore power where available.

II

Section 14f first sentence should read:

The Norwegian Maritime Authority may upon written application grant exemption from the requirements of sections 10a, *12b*, 14b and 14c for ships which are protected or given status as historical by the Directorate for Cultural Heritage.

III

This Regulation enters into force on 1 January 2026.