

Proposal for Regulation concerning repeal of Regulations on the operation of mobile offshore units and amendments to the Regulations on the construction of mobile offshore units, the Regulations on deck cranes, etc. on mobile offshore units, the Regulations on protective, environmental and safety measures on mobile offshore units and the Regulations on precautionary measures against fire and explosion on mobile offshore units

Laid down by the Norwegian Maritime Authority on dd.mm.yyyy under the Act of 16 February 2007 No. 9 relating to ship safety and security (Ship Safety and Security Act) sections 7, 8, 9, 11, 12, 13, 14, 15, 16, 21, 22, 43, 45 and 47, cf. Formal Delegation of 16 February

2007 No. 171 and Formal Delegation of 31 May 2007 No. 590 by the Ministry of Trade, Industry and Fisheries.

EEA reference: EEA Agreement Annex II chapter XIX point 1 (Directive 98/34/EC as amended by Directive 98/48/EC).

I

Regulations of 4 September 1987 No. 858 on the operation of mobile offshore units are repealed.

II

Regulations of 4 September 1987 No. 856 on the construction of mobile offshore units are amended as follows:

Section 11 new thirteenth and fourteenth paragraphs should read:

13. *A drill comprising the start-up of the emergency generator shall be carried out every six months. The drill shall include a load of services that is adapted to the operation.*
14. *A simulated autostart shall be carried out once every month.*

Section 18 should read:

Section 18 *Mechanical ventilation outside the living quarters*

1. *Mechanical ventilation in spaces outside the living quarters shall be calculated in accordance with the calculation method stated in the guidelines from the Norwegian Labour Inspection Authority regarding climate and air quality in the workplace (DLI 444).*
2. *Mechanical ventilation in explosion-hazardous areas shall ensure 12 air changes per hour.*
3. *In the event of loss of ventilation in such hazardous areas, an alarm shall be given in the central control station.*

III

Regulations of 4 July 2007 No. 854 on deck cranes, etc. on mobile offshore units are amended as follows:

Section 9 is repealed.

Section 18 should read:

Section 18 *Use of lifting equipment for the transfer of personnel to and from the unit*
In special circumstances, the offshore installation manager may, in consultation with the employees' elected representatives, authorise the transfer of personnel.

Transfer pursuant to the first paragraph shall be:

- a) *in accordance with NORSOK R-03:2004 chapter 5.3 (Transfer of personnel between installation and vessel);*
- b) *carried out within the weather restrictions imposed by the certificates of the lifting equipment. When weather restrictions are not listed in the certificate(s), the requirements laid down in NS-EN 13820-1:2004 paragraph 7.2.5 shall be met;*
- c) *carried out with certified lifting equipment;*
- d) *voluntary;*
- e) *entered in the deck log book.*

For the transfer of personnel from the vessel to the unit, the vessel shall be ready to stop the propellers during the transfer.

The existing sections 18 and 19 become new sections 19 and 20.

IV

Regulations of 4 September 1987 No. 859 on protective, environmental, and safety measures on mobile offshore units are amended as follows:

New section 11 a should read:

Section 11 a Handling of dangerous substances and explosives

- 1. The handling of dangerous substances shall be such that the risk of and during incidents is minimised. Handling means any contact or interaction with dangerous substances, such as storage, treatment, loading, unloading and use.*
- 2. Dangerous substances shall be stored in integrated tanks intended for this purpose, or in packaging certified in accordance with the International Maritime Dangerous Goods (IMDG) Code chapter 6.*
- 3. Packaged substances shall be placed:*
 - 3.1 on open decks;*
 - 3.2 in spaces ventilated in accordance with SOLAS (the International Convention for the Safety of Life at Sea, 1974, consolidated edition 2015) chapter II-2 Reg. 19.3.4, with door only to the open deck; or*
 - 3.3 in containers.*
- 4. Explosives shall:*
 - 4.1 be stored in their original packaging in steel crates in a separate lockable compartment or space separated from dangerous substances;*
 - 4.2 be secured so as to not unintentionally explode during handling.*
- 5. The storage place for explosives shall:*
 - 5.1 have a warning sign;*
 - 5.2 be in an area without sources of ignition;*
 - 5.3 be so arranged that it is possible to dump the goods into the sea.*
- 6. Before liquid cargo is back loaded to bulk on ships, the documentation on the liquid return cargo shall be given to the captain of the ship. The documentation shall include:*
 - 6.1 a description of an analysed sample of the return cargo:*
 - 6.1.1 the amount analysed;*
 - 6.1.2 information on the cargo level from which the sample has been taken;*
 - 6.2 a description of the components of the mixture:*
 - 6.2.1 name*
 - 6.2.2 concentration*
 - 6.2.3 data sheet (if available)*
 - 6.3 flashpoint (°C)*
 - 6.4 hydrogen sulphide (H₂S) level (ppm)*
 - 6.5 lower explosive limit (LEL) (%)*
 - 6.6 oxygen level (%)*
 - 6.7 pH*
 - 6.8 specific gravity (kg/m³)*
 - 6.9 water content (% by volume)*
 - 6.10 oil content (% by volume)*
 - 6.11 solids content (% by volume)*
 - 6.12 date and time of the analysis*
 - 6.13 details on any treatment to remove or prevent a breakout of H₂S*
 - 6.14 conclusions of the test results, including confirmation that the mixture components are compatible with each other.*

New section 11 b should read:

Section 11 b Control of radioactive sources

The company or the operator shall designate one person to be in charge of all activities related to the radioactive sources on board. The designated person shall keep the offshore installation manager informed about the activities.

Section 15 second paragraph should read:

2. The signs shall be luminescent or be made visible by other means in the event that the normal lighting fails. The colours and writing of the signs shall be in accordance with Norwegian Standard NS-6033. *Signs and notices shall be in English.*

V

Regulations of 31 January 1984 No. 227 on precautionary measures against fire and explosion on mobile offshore units are amended as follows:

New section 15 a should read:

Section 15 a Control of fire-fighting equipment

1. *Fire-fighting equipment and fire alarm systems shall be inspected in accordance with MSC.1/Circ.1432 (Revised guidelines for the maintenance and inspection of fire protection systems and appliances), and Res. A.951(23) (Improved guidelines for marine portable fire extinguishers) or NS 3910:2015 (Firefighting equipment - Maintenance of portable fire extinguishers).*
2. *The portable fire extinguishers shall be pressure-tested every ten years.*
3. *Annual inspections of equipment as referred to in sections 10 to 12, and inspections every two, five and ten years pursuant to the first and second paragraphs shall be undertaken by a person holding a qualification document for the relevant area of inspection.*
4. *Other inspections pursuant to the first paragraph shall be undertaken by crew members holding a certificate of proficiency in advanced fire-fighting or a certificate of competence deck officer of engineer officer, cf. Regulations of 22 December 2011 No. 1523 on qualifications and certificates for seafarers section 51.*

VI

These Regulations enter into force on xx.xx.xxxx.