
RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

RULES

Part P

**Mobile Offshore Drilling Units and
Special Purpose Barges**

2019 AMENDMENT NO.2

Rule No.103 27 December 2019

Resolved by Technical Committee on 22 July 2019

An asterisk (*) after the title of a requirement indicates that there is also relevant information in the corresponding Guidance.

AMENDMENT TO THE RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

“Rules for the survey and construction of steel ships” has been partly amended as follows:

Part P MOBILE OFFSHORE DRILLING UNITS AND SPECIAL PURPOSE BARGES

Amendment 2-1

Chapter 12 ELECTRICAL INSTALLATIONS

12.2 Mobile Offshore Drilling Units

12.2.4 Emergency Source of Electrical Power*

Sub-paragraph (4) has been amended as follows.

The emergency source of electrical power is to be capable of supplying simultaneously the services listed in the following (1) to (10) for the period specified hereinafter if they depend upon an electrical source for their operation.

((1) to (3) are omitted.)

(4) For a period of 18 *hours*, the services listed in the following unless such services have an independent supply for the period of 18 *hours* from an accumulator battery suitably located for use in an emergency.

((a) is omitted.)

(b) ~~VHF radio installations, MF radio installations, INMARSAT ship earth stations and MF/HF radio~~ Installations listed in the following i) to iv) as required by Chapter IV, the Annex to *SOLAS* Convention and installed in the unit. Where, however, those radio installations are installed in duplicate, it is not necessary to consider duplicated installations are operated simultaneously in determining capacity of the emergency source of electrical power.

i) VHF radio installations

ii) MF radio installations

iii) Recognized mobile satellite service ship earth stations

iv) MF/HF radio installations

((c) to (e) are omitted.)

((5) to (10) are omitted.)

12.4 Units which are Engaged In a Special Work and are Stationed for a Long Period of Time

12.4.3 Emergency Source of Electrical Power*

Sub-paragraph (4) has been amended as follows.

The emergency source of electrical power is to be capable of supplying simultaneously the services listed in the following (1) to (7) for the period specified hereinafter if they depend upon an electrical source for their operation.

((1) to (3) are omitted.)

(4) For a period of 18 *hours*, the services listed in the following unless such services have an independent supply for the period of 18 *hours* from an accumulator battery suitably located for use in an emergency.

((a) is omitted.)

(b) ~~VHF radio installations, MF radio installations, INMARSAT ship earth stations and MF/HF radio~~ Installations listed in the following i) to iv) as required by Chapter IV, the Annex to SOLAS Convention and installed in the unit. Where, however, those radio installations are installed in duplicate, it is not necessary to consider duplicated installations are operated simultaneously in determining capacity of the emergency source of electrical power.

i) VHF radio installations

ii) MF radio installations

iii) Recognized mobile satellite service ship earth stations

iv) MF/HF radio installations

((c) and (d) are omitted.)

((5) to (7) are omitted.)

12.5 Units which have Accommodation for Particular Personnel or Passengers

12.5.3 Emergency Source of Electrical Power*

Sub-paragraph (4) has been amended as follows.

The emergency source of electrical power is to be capable of supplying simultaneously the services listed in the following (1) to (7) for the period specified hereinafter if they depend upon an electrical source for their operation.

((1) to (3) are omitted.)

(4) For a period of 36 *hours*, the services listed in the following unless such services have an independent supply for the period of 36 *hours* from an accumulator battery suitably located for use in an emergency.

((a) is omitted.)

(b) ~~VHF radio installations, MF radio installations, INMARSAT ship earth stations and MF/HF radio~~ Installations listed in the following i) to iv) as required by Chapter IV, the Annex to SOLAS Convention and installed in the unit. Where, however, those radio installations are installed in duplicate, it is not necessary to consider duplicated installations are operated simultaneously in determining capacity of the emergency

source of electrical power.

i) VHF radio installations

ii) MF radio installations

iii) Recognized mobile satellite service ship earth stations

iv) MF/HF radio installations

((c) and (d) are omitted.)

((5) to (7) are omitted.)

EFFECTIVE DATE AND APPLICATION (Amendment 2-1)

1. The effective date of the amendments is 1 January 2020.

Chapter 15 FIRE EXTINGUISHING SYSTEMS

15.2 Mobile Offshore Drilling Units

15.2.13 Fire Extinguishing System for Helicopter Facilities*

Sub-paragraph -2 has been amended as follows.

2 In close proximity to the helideck, the following fire-fighting appliances are to be provided and stored near the means of access to that helideck:

((1) and (2) are omitted.)

(3) a suitable foam application system consisting of monitors or foam-making branch pipes capable of delivering foam to all parts of the helideck in all weather conditions in which the helideck is intended to be available for helicopter operations. The capacity and other specifications of the foam production system are to comply with the following (a) to (c):

(a) a minimum application rate of 6 l/m^2 ($4.1 \text{ l/min}\cdot\text{m}^2$ for Aqueous Film Forming Foam or Film-Forming Fluoroprotein Foam) within a circle having a diameter equal to D_H ;

(b) a minimum of 5 minutes discharge capability is to be provided; and

(c) foam delivery at the minimum application specified in the preceding (a) is to start within 30 ~~see~~ of system activation;

(4) the principal agent is to be suitable for use with salt water and a type deemed as appropriate by the Society;

(5) at least two nozzles of an approved dual-purpose type (jet/spray) and hoses sufficient in length to reach any part of the helideck;

(6) in lieu of the above (3) to (5), on units constructed on or after 1 January 2020, foam firefighting appliances complying with Chapter 37, Part R;

~~(6)~~ in addition to the fire-fighter's outfits required in 15.2.8, at least two fire-fighter's outfits; and

~~(7)~~ At least the following equipment is to be stored in a manner that provides for immediate use and protection from the elements:

((a) to (k) are omitted.)

EFFECTIVE DATE AND APPLICATION (Amendment 2-2)

1. The effective date of the amendments is 1 January 2020.
2. Notwithstanding the amendments to the Rules, the current requirements apply to ships the keels of which were laid or which were at a *similar stage of construction* before the effective date.

(Note) The term "*a similar stage of construction*" means the stage at which the construction identifiable with a specific ship begins and the assembly of that ship has commenced comprising at least 50 tonnes or 1% of the estimated mass of all structural material, whichever is the less.

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part P

**Mobile Offshore Drilling Units and
Special Purpose Barges**

GUIDANCE

2019 AMENDMENT NO.2

Notice No.70 27 December 2019

Resolved by Technical Committee on 22 July 2019

AMENDMENT TO THE GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

“Guidance for the survey and construction of steel ships” has been partly amended as follows:

Part P MOBILE OFFSHORE DRILLING UNITS AND SPECIAL PURPOSE BARGES

Amendment 2-1

P9 HULL EQUIPMENTS

P9.6 Means of Access

P9.6.2 Means of Access to Spaces

Sub-paragraph -7(2) has been amended as follows.

7 With respect to the provisions of **9.6.2-4(2), (4), -5(3) and (7), Part P of the Rules**, adjacent sections of a vertical ladder are to be in accordance with following **(1) to (3)**. (Refer to **Fig. P9.6.2-1, Fig. P9.6.2-2** and **Table P9.6.2**)

- (1) The minimum “lateral offset” between two adjacent sections of a vertical ladder is the distance between the sections, upper and lower, so that the adjacent stringers are spaced of at least 200 mm, measured from half thickness of each stringer.
- (2) Adjacent sections of vertical ladder are to be installed so that the upper end of the lower section is vertically overlapped, in respect to the lower end of the upper section, to a height of 1,500 mm in order to permit a safe transfer between ladders. However, this requirement does not apply to cases where structural members (e.g. side stringers) are used to move between adjacent vertical ladders and are provided with safety measures such as handrails.
- (3) No section of the access ladder is to be terminated directly or partly above an access opening.

EFFECTIVE DATE AND APPLICATION (Amendment 2-1)

1. The effective date of the amendments is 27 December 2019.
2. Notwithstanding the amendments to the Guidance, the current requirements apply to ships for which the date of contract for construction is before the effective date.
3. Notwithstanding the provision of preceding 2., the amendments to the Guidance may apply to ships for which the date of contract for construction is before the effective date upon request by the owner.

P12 ELECTRICAL INSTALLATIONS

P12.2 Mobile Offshore Drilling Units

Paragraph P12.2.4 has been amended as follows.

P12.2.4 Emergency Source of Electrical Power

~~“VHF radio installations, MF radio installations, INMARSAT ship earth stations and MF /HF radio installations as required by Chapter IV, the Annex to SOLAS Convention”~~ as specified in **12.2.4(4)(b), Part P of the Rules** are the installations which are required by *GMDSS* (Global Maritime Distress and Safety System).

P12.4 Units which are Engaged in a Special Work and are Stationed for a Long Period of Time

Paragraph P12.4.3 has been amended as follows.

P12.4.3 Emergency Source of Electrical Power

~~“VHF radio installations, MF radio installations, INMARSAT ship earth stations and MF /HF radio installations as required by Chapter IV, the Annex to SOLAS Convention”~~ as specified in **12.4.3(4)(b), Part P of the Rules** are the installations which are required by *GMDSS*.

P12.5 Units which have Accommodation for Particular Personnel or Passengers

Paragraph P12.5.3 has been amended as follows.

P12.5.3 Emergency Source of Electrical Power

~~“VHF radio installations, MF radio installations, INMARSAT ship earth stations and MF /HF radio installations as required by Chapter IV, the Annex to SOLAS Convention”~~ as specified in **12.5.3(4)(b), Part P of the Rules** are the installations which are required by *GMDSS*.

EFFECTIVE DATE AND APPLICATION (Amendment 2-2)

1. The effective date of the amendments is 1 January 2020.