RULES

FOR THE CLASSIFICATION AND CONSTRUCTION OF MOBILE OFFSHORE DRILLING UNITS

ND No. 2-020201-026-E

RULE CHANGE NOTICE

ENTERS INTO FORCE:

01.01.2025

St. Petersburg
2024

RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF MOBILE OFFSHORE DRILLING UNITS

The present Rule Change Notice to the Rules for the Classification and Construction of Mobile Offshore Drilling Units (MODU Rules) (hereinafter — RCN) has been approved in accordance with the established approval procedure and contains information on amendments and additions, except for editorial amendments. RCN amendments come into force on 1 January 2025.

REVISION HISTORY

PART II. HULL

Item	Applicability	Description	Remarks
Table 1.5.1.2	Mobile offshore drilling units Selection of steel grades for hull structures	Steel grades have been determined for hull structures thicker than 50 mm	

PART VI. FIRE PROTECTION

Item	Applicability	Description	Remarks
Para 3.1.7 (new)	Mobile offshore drilling units (MODU) Gas fire extinction stations Device for control of gas fire extinguishing medium mass in cylinders	Requirement has been introduced for methods of determining gas fire extinguishing medium mass in cylinders in the MODU gas fire extinction stations	

PART II. HULL

1 GENERAL

1.5 MATERIALS

Table 1.5.1.2 is amended as follows:

"Table 1.5.1.2

Structural elements	Steel grade for MODU	Design temperature of structural material, in °C						
		0	–10	–20	–30	–40	–50	–60
		Max. thickness of structural element, in mm						
Secondary	A	30	20	10	—	—	—	—
	B	~~40~~60	30	20	10	—	—	—
	D	~~50~~100	50	45	35	25	15	—
	E	~~50~~100	~~50~~100	~~50~~100	~~50~~100	~~50~~100	35	25
	~~F~~	~~50~~	~~50~~	~~50~~	~~50~~	~~50~~	~~50~~	~~45~~
	A32, A36, A40	40	30	20	10	—	—	—
	D32, D36, D40	~~50~~100	~~50~~80	~~45~~60	35	25	15	
	E32, F36, E40	~~50~~100	~~50~~100	~~50~~100	~~50~~100	~~45~~100	35	25
	F32, F36, F40	~~50~~100	~~50~~100	~~50~~100	~~50~~100	~~50~~100	50	45
	AH420, AH460, AH500	~~40~~60	25	10	—	—	—	—
	DH420, DH460, DH500	~~50~~100	~~45~~100	~~35~~80	~~25~~60	15	—	—
	EH420, EH460, EH500	~~50~~100	~~50~~100	~~50~~100	~~45~~100	35	25	15
	FH420, FH460, FH500	~~50~~100	~~50~~100	~~50~~100	50	50	45	35

Structural elements	Steel grade for MODU	Design temperature of structural material, in °C						
		0	–10	–20	–30	–40	–50	–60
		Max. thickness of structural element, in mm						
Primary	A	20	10	—	—	—	—	—
	B	25	20	10	—	—	—	—
	D	~~45~~60	40	30	20	10	—	—
	E	~~50~~100	~~50~~100	~~50~~80	~~40~~60	30	20	—
	~~F~~	~~50~~	~~50~~	~~50~~	~~50~~	~~40~~	~~30~~	~~25~~
	A32, A36, A40	25	20	10	—	—	—	—
	D32, D36, D40	45	40	30	20	10	—	—
	E32, F36, E40	~~50~~100	~~50~~80	~~50~~60	40	30	20	15
	F32, F36, F40	~~50~~100	~~50~~100	~~50~~100	50	50	40	30
	AH420, AH460, AH500	20	—	—	—	—	—	—
	DH420, DH460, DH500	~~45~~60	35	25	15	—	—	—
	EH420, EH460, EH500	~~50~~100	~~50~~100	~~45~~80	~~35~~60	25	15	—
	FH420, FH460, FH500	~~50~~100	~~50~~100	~~50~~100	50	45	35	25

Structural elements	Steel grade for MODU	Design temperature of structural material, in °C						
		0	–10	–20	–30	–40	–50	–60
		Max. thickness of structural element, in mm						
Special	A	15	—	—	—	—	—	—
	B	15	—	—	—	—	—	—
	D	30	20	10	—	—	—	—
	E	~~50~~60	~~45~~60	35	25	15	—	—
	~~F~~	~~50~~	~~50~~	~~50~~	~~45~~	~~35~~	~~25~~	~~15~~
	A32, A36, A40	15	—	—	—	—	—	—
	D32, D36, D40	30	20	10	—	—	—	—
	E32, F36, E40	~~50~~100	~~45~~100	35	25	15	—	—
	F32, F36, F40	~~50~~100	~~50~~80	~~50~~60	50	40	30	20
	AH420, AH460, AH500	—	—	—	—	—	—	—
	DH420, DH460, DH500	25	15	—	—	—	—	—
	EH420, EH460, EH500	~~50~~60	40	30	20	10	—	—
	FH420, FH460, FH500	~~50~~100	~~50~~100	~~50~~80	~~40~~60	30	20	10
N o t e s : 1. For intermediate temperatures, linear interpolation is permissible. 2. Other steel grades may be used if their properties are considered sufficient to ensure the specified level of safety. 3. Steel grade selection for topsides is not regulated.								

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PART VI. FIRE PROTECTION

3 FIRE-FIGHTING EQUIPMENT AND SYSTEMS

3.1 GENERAL

New para 3.1.7 is introduced reading as follows:

"**3.1.7** In the gas fire extinction stations, a device shall be provided for weighing cylinders or measuring level of gas extinguishing medium therein by the approved method, or on each cylinder an automatic device shall be installed for control of gas extinguishing medium mass and pressure.".

Russian Maritime Register of Shipping

Rule Change Notice
to the Rules for the Classification and Construction
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