



RUSSIAN MARITIME REGISTER OF SHIPPING

HEAD OFFICE

CIRCULAR LETTER

№ 314-26 - 822_c

dated

15.06.2015

Re:

Correction of misprints in Rules for the Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms, 2014

Item of supervision:

Ships under construction

Implementation 01.08.2015

Valid: till -

Validity period prolonged till -

Cancels / amends / adds circular letter № - dated -

Number of pages: 1+1

Appendices: Corrections of misprints in Section 3, Part II "Hull" of the Rules for the Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms, 2014 (hereinafter, the Rules) on 1 page

Technical Director – Head of Classification Directorate

Vladimir I. Evenko

Amends Section 3, Part II "Hull" of the Rules for the Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms, 2014

We hereby inform that on 1 August 2015 the corrected version of the Rules for the Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms, 2014 shall come into force. The editorial amendments are given editorial in the Appendix to this Circular Letter.

It is necessary to do the following:

- 1) *From 1 August 2015 on, use the provisions of this Circular Letter as guidance in practical work.*
- 2) *Surveyors and concerned parties in the area covered by the RS activities shall be familiarized with the contents of this Circular Letter.*

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DMS "THESIS"

No.

Amendments to the Rules for the Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms, 2014

Part II. Hull

3.3 Mobile offshore drilling units

1. Formula (3.3.2.3.4-2) shall be amended to read:

$$F_{x2} = 1,33h(\rho_i D)^{1/3} (\sigma_c D_1 V)^{2/3},$$

2. Formula (3.3.2.3.5) shall be amended to read:

$$F_{1f} = 1.6mK_L \sigma_c D^{0,85} h^{0,9},$$

3. Formula (3.3.2.3.9-1) shall be amended to read:

$$F_{k1} = \mu(h_k - h_c)D \left[\frac{(h_k - h_c)\mu\gamma_e}{2} + 2C_k \right] \left(1 + \frac{(h_k - h_c)}{6D} \right),$$

4. Formula (3.3.2.3.18-4) shall be amended to read:

$$h_m = \begin{cases} 3 + 4h, & \text{at } D/l_c \geq 2,0 \\ 5h \sin \alpha, & \text{at } D/l_c \leq 0,5 \\ 5h \sin \alpha + \frac{3 + h(4 - 5 \sin \alpha)}{1,5} \left(\frac{D}{l_c} - 0,5 \right), & \text{at } 0,5 < D/l_c < 2,0 \end{cases}$$

5. Formula (3.3.2.3.21) shall be amended to read:

$$F_{xk} = F_k \sin \alpha, \quad F_{zk} = F_k \cos \alpha,$$

6. Formula (3.3.2.3.23) shall be amended to read:

$$p = \bar{\sigma}_c \cdot \left(1 + 2 \sqrt{\frac{2}{A_1}} \right) \cdot \frac{\sqrt{\alpha}}{8,5}, \text{ in MPa.}$$

7. For the interpretation of values contained in Formula (3.3.2.3.23), the description of $\bar{\sigma}_c$ shall be introduced instead of σ_c description:

$\bar{\sigma}_c$ - average ice compression strength, in MPa. In the absence of average ice strength data, the following relation may be used as a first approximation:

$$\bar{\sigma}_c = 0,75\sigma_c^{100},$$

where σ_c^{100} - ice compression strength recurring once in one hundred years.