



RUSSIAN MARITIME REGISTER OF SHIPPING

HEAD OFFICE

CIRCULAR LETTER

№ 314-26- 727c

dated *01.04.2014*

Re:

New revision of IACS Unified Requirement UR S6 (Rev. 7, Apr. 2013) "Use of Steel Grades for Various Hull Members – Ships of 90 m in Length and Above"

Item of technical supervision:

Ships under construction

Implementation since 01.07.2014

Valid: until -

Validity period extended till -

Cancels/amends/adds Circular letter № - dated -

Number of pages: 1 + 3

Appendices: Text of amendments to the Rules for the Classification and Construction of Sea-Going Ships, 2014 – 3 pages

Technical Director – Head of Classification Directorate

[Signature]
V.I. Evenko

Amends Rules for the Classification and Construction of Sea-Going Ships, 2014

We hereby inform that a new revision of IACS Unified Requirement (UR) S6 (Rev. 7, Apr. 2013) "Use of Steel Grades for Various Hull Members – Ships of 90 m in Length and Above" will come into force on 1 July 2014.

In connection with the mentioned above, the amendments specified in the Appendix to the Circular Letter shall be introduced to Chapter 1.2, Part II "Hull" of the Rules for the Classification and Construction of Sea-Going Ships, 2014.

Original text of a new revision of IACS UR in English is posted on the RS internal website in Section: External Normative Documents / ND No. 1-0212-006-E-A1.

It is necessary to do the following:

- 1) Apply the amendments to the Rules given in the Appendix to the Circular Letter in practice since 1 July 2014.
- 2) Bring the content of the Circular Letter to the notice of the RS surveyors, interested organizations and persons within the area of the RS Branch Offices' activity.

Person in charge: O.A. Grigorieva

Dept. 314

Tel. 314-10-87

DMS "THESIS". № 14-35125 dated 11.02.2014

Amendments to the Rules for the Classification and Construction of Sea-Going Ships, 2014

PART II. HULL

1. **1.2 MATERIALS** Para **1.2.3.7** shall be amended to read as follows:

« **1.2.3.7** Depending on the level and type of applied stress, presence of stress concentrations, complexity of structural design of the assemblies and the workmanship, the assumed damage consequences for safety of the ship as a whole, the structural members are grouped into three Classes according to Table 1.2.3.7-1.

The steel grade of structural members shall not be below the grade specified in Tables 1.2.3.7-1 to 1.2.3.7-6.

Additional requirements:

- for single deck ships with length exceeding 150 m, excluding those covered in Table 1.2.3.7-3, are given in Table 1.2.3.7-2;
- for membrane type liquefied gas carriers with length exceeding 150 m are given in Table 1.2.3.7-3;
- for ships with length exceeding 250 m are given in Table 1.2.3.7-4;
- for ships with ice strengthening are given in Table 1.2.3.7-5.

The steel grade depending on the structural member thickness is determined in accordance with Table 1.2.3.7-6.»

2. Table 1.2.3.7-1 shall be amended to read as follows:
the text of item 6 in column "Structural member category" after words "Continuous longitudinal" shall be supplemented with the words "plating of strength";

new item 17 shall be introduced to read as follows (items 16 and 17 for similar material class):

16	Strength deck plating at corners of cargo hatch openings in bulk carriers, ore carriers combination carriers and other ships with similar hatch opening configurations	Class III within 0.6L of ship Class II within rest of cargo region
17	Trunk deck and inner deck plating at corners of openings for liquid and gas domes in membrane type liquefied gas carriers	

existing items 17 to 23 shall be renumbered as items 18 to 24;

the text of item 18 (as renumbered) in column "Structural member category" shall be replaced by the following (for Russian version only):

"Bilge strake in ships with double bottom over the full breadth and length less than 150 m".

the text of item 20 (as renumbered) in column "Structural member category" shall be supplemented with the following:

«, including coaming top plate and flange»

3. Table 1.2.3.7-2 shall be amended to read as follows:

Structural member category	Material grade
Longitudinal plating of strength deck where contributing to the longitudinal strength Continuous longitudinal plating of strength members above strength deck	Grade B/AH amidships
Single side strakes for ships without inner continuous longitudinal bulkhead(s) between bottom and the strength deck	Grade B/AH within cargo region

4. New Table 1.2.3.7-3 shall be introduced to read as follows:

Table 1.2.3.7-3

Structural member category		Material grade
Longitudinal plating of strength deck where contributing to the longitudinal strength		Grade B/AH amidships
Continuous longitudinal plating of strength members above the strength deck	Trunk deck plating	Class II amidships
	Inner deck plating Longitudinal strength member plating between the trunk deck and inner deck	Grade B/AH amidships
The table may apply to similar ship types with a "double deck" arrangement above the strength deck.		

5. Existing Tables 1.2.3.7-3 to 1.2.3.7-5 shall be renumbered as Tables 1.2.3.7-4 to 1.2.3.7-6.

6. Name of the table 1.2.3.7-5 (table number in new version) "Minimum category..." shall be deleted (for Russian version only).

7. Name of the table 1.2.3.7-6 (table number in new version) "Steel category..." shall be deleted (for Russian version only).

8. Para **1.2.3.8** shall be amended to read as follows:

« **1.2.3.8** Structural members not mentioned in Tables 1.2.3.7-1 to 1.2.3.7-5, whose scantlings are regulated by the present Part, shall be referred to Class I. The steel grade shall correspond to the as-built plate thickness and plating materials grade.»

9. Para **1.2.3.12** shall be amended to read as follows:

« **1.2.3.12** Plating materials for sternframes supporting the rudder and propeller boss, rudders, rudder horns and shaft brackets shall in general not be of lower grades than corresponding to Class II. For rudder and rudder body plates subjected to supporting loads and stress concentrations (e.g. in way of lower support of semi-spade rudders or at upper part of spade rudders), Class III shall be applied.»

