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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 18815-2013

Replacing GB/T 18815-2002

Small craft, engine-driven -- Field of vision from helm position

机动小艇 操舵部位的视野

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB/T 18815-2002 "motorized boat steering parts of Vision", compared with the GB/T 18815-2002, the main Technical changes are as follows.

--- Increased "horizontal extent of vision", "sail boat", "sliding state", "taxi boat", "draining the state", "drain the boat" as used herein (see 3.9,3.11,3.12,3.13,3.14 and 3.15);

--- Modify the horizontal range of boats vision requirements (see 512, 2002 edition of 4.1.2.);

--- Changed boat in determining the scope of the horizontal field of view of the vertical reference line hull length (see 521, 2002 edition 4.2.1.);

--- Increasing the vertical position when the steering port and starboard forward field of vision requirements (see 5.2.3).

This standard uses the translation method identical with ISO 11591:2011 "motor boat steering parts of vision" (in English).

Correspondence between the consistency of the standards of international documents and normative references of the following documents.

--- GB/T 5137.2-2002 automotive safety glass - Test methods - Part 2. Optical performance test (ISO 3538:1997, MOD)

--- GB/T 16273.1-2008 equipment - Graphical symbols - Part 1. Common symbols (ISO 7000:2004, NEQ)

--- GB/T 18822-2002 hull length less than 8m boat maximum propulsion power rating determination (ISO 11592.

2001, IDT)

--- GB/T 19916-2005 dinghy primary data (ISO 8666:2002, IDT)

--- GB/T 19918-2005 dinghy graphic symbols (ISO 11192:2005, IDT) the standard proposed by China State Shipbuilding Corporation.

This standard by the National Standardization Technical Committee boat (SAC/TC241) centralized.

This standard was drafted. Technical and Economic Research Institute of China Shipbuilding Industry.

1 Scope

This standard specifies the hull length of not more than 24m motor boat steering parts in the forward, backward vision requirements.

This standard does not apply to the following boats.

--- Maximum speed of less than 10kn tiller steering the boat, 3.10;

--- Sail boats, 3.11.

Note: when maneuvering boats sailing in a certain way at a certain speed will cause the pitch angle, in this case, the forward field of vision will be temporarily obscured. This standard in the case of the boat sailing the transition from state to state drainage coasting state and the large pitch angle when sailing, steering parts of the visual field loss is not temporary We do consider.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

ISO 3538:1997 Road vehicles - safety glass optical performance test method
(Roadvehicles-Safetyglazingmaterials-Testmethodsforopticalproperties) ISO 7000:2004
Graphical symbols for equipment - Index and synopsis
(Graphicalsymbolsforuseonequipment-Indexandsynopsis) ISO 8666 boat primary data
(Smalcraft-Principaldata) ISO 11192 Small craft graphic symbols
(Smalcraft-Graphicalsymbols) ISO 11592 boat hull length less than 8m maximum
propulsion power rating is determined (Smalcraftlessthan8m
lengthofhul-Determinationofmaximumpropulsionpowerrating) ISO 12215-5:2008 Small craft
hull construction and scantlings - Part 5. monohull design pressure, design and dimensions
of stress Limited (Smalcraft-Hulconstructionandscantlings-Part 5.
Designpressuresformonohuls, design stresses, scantlingsdetermination)

3 Terms and Definitions

ISO 12215-5:2008 and defined the following terms and definitions apply to this document. For ease of use, repeat the following list ISO 12215-5:2008 a number of terms and definitions.

Helmsman standing high Viseme higheyeposition (helmsmaninstandingposition) Helmsman standing surface above 1730mm, steering wheel rim from the center of the horizontal distance of 400mm position, shown in Figure 1.

Helmsman sitting high Viseme higheyeposition (helmsmaninseatedposition) Compression of the seat base and back side of the line of intersection 840mm, away from the steering wheel rim center distance of 400mm horizontal position, shown in Figure 2.