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

GB/T 35354-2017

**Ships and marine technology -- Large yachts -- Deck crane and
access gangways strength requirements**

船舶和海上技术 大型游艇甲板起重机和登船梯强度要求

(English Translation)

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Foreword

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

This standard uses the translation method identical with ISO 11209:2012 "Ship and marine technology Large yacht deck cranes and boarding ladder Intensity requirements. " the documents of our country that are consistent with the corresponding international documents that are normative references in this standard are as follows.

--- GB/T 19916-2005 boat main data (ISO 8666:2012, IDT) this standard proposed by China Shipbuilding Industry Corporation.

This standard by the National Marine Standardization Technical Committee (SAC/TC12) centralized.

1 Scope

This standard specifies the minimum structural size requirements for large yachts lifting machinery.

This standard applies to cranes, boarding ladders (including gangway) and used as lifting machinery boarding ladder.

This standard does not apply to lifesaving equipment lifting facilities, these facilities with reference to other generally accepted rules and/or international norms.

The content of this standard mainly involves working level, applied load, design standards, allowable stress, strength check, flexible stability test and even Then accessories and so on.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

ISO 8666 boat main data (Smalcraft-Principaldata)

3 Terms and definitions

The following terms and definitions apply to this document.

Large yacht Captain LH for sports, leisure, and business boats larger than or equal to 24 m.

Note: For the definition of LH, see ISO 8666.

Lifting appliances liftingappliance Used for loading and unloading heavy equipment on board, but not for boarding and disembarking personnel.

Boarding ladder accessgangway Facilities for boarding/disembarking personnel.

Life-saving equipment lifesavingappliance Life-saving vehicles such as lifeboats, rescue boats, inflatable liferafts and rigid liferafts.

Favorable climate conditions favourableweathercondition Stable wind direction and no wind above Class 4 Beaufort Force.

Calm water

The wave height of the wave is not more than 0.3m.