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

GB 4303-2008

Replacing GB/T 4303-2008

Marine lifejacket

船用救生衣

(English Translation)

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Appendix A (informative) Typical life jacket diagram

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

This document replaces GB/T 4303-2008 "Marine Lifejackets": Compared with GB/T 4303-2008, except for structural adjustments and editorial changes, in addition, the main technical changes are as follows:

- a) The type of life jacket has been deleted (see 4.2 of the:2008 edition);
- b) The material requirements for life jackets have been changed (see 5.1, 5:1 of the:2008 edition);
- c) Delete the requirements and test methods for oil resistance (see 5.7 and 6:7 of the:2008 edition);
- d) Added requirements for whistles (see 5.4:1);
- e) Changed the requirements for recovery time in water performance (see 5.10:1, 5:11:1 of the:2008 edition);
- f) Changed the requirements for net height, trunk angle and face plane (head) angle after static balance in water performance (see 5.10:2, :2008 edition of 5:11:2);
- g) Changed the requirements for clear height after falling into the water and diving (see 5.10:3, 5:11:3 of the:2008 version);
- h) The test method of materials has been changed (see 6.1, 6:1 of the:2008 edition);
- i) Changed the requirements for the lightest and heaviest person in the wearing test (see 6.9:1, 6:10:1 of the:2008 version);
- j) The requirements for the underwater performance test environment and test personnel have been changed (see 6.10:1, 6:11:1 of the:2008 edition):

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1 Scope

This document specifies the classification and marking, requirements, test methods, inspection rules, markings, packaging, Transportation and storage:

This document applies to the design, manufacturing and acceptance of adult life jackets for ships and offshore facilities:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations for undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB/T 32234.7 Personal buoyancy devices Part 7: Safety requirements and test methods for materials and components GB/T 32234.8-2015 Personal buoyancy equipment Part 8: Safety requirements and test methods for accessories of life-saving appliances)

3 Terms and definitions

The following terms and definitions apply to this document:

net height freeboard the vertical distance between the water surface and the lower end of the life jacket wearer's mouth, that is, the distance between the water surface and the position where the wearer will be unable to breathe if he does not close his mouth:

If the mouth is not on the same level, it is measured to the lowest end of the mouth:

Note: See Figure 1:

faceplane angle the angle between the plane of the forehead and the front of the chin and the horizontal plane:

Note: See Figure 1:

torso angle the angle between the straight line at the front of the shoulder and the hip bone and the vertical line:

Note: See Figure 1: