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

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Replacing GB/T 5869-2010

Lifejacket lights

救生衣灯

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Foreword

This document is in accordance with GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents". Drafting is scheduled.

This document replaces GB/T 5869-2010 "Life Jacket Lamp". Compared with GB/T 5869-2010, the main differences are structural adjustments and editorial changes.

Aside from the changes, the main technical changes are as follows.

The scope of application for life jacket lights has been revised to include life jacket lights with electronic positioning capabilities (see Chapter 1, 2010 edition). Chapter 1);

a) The definition of the term "life vest lamp" has been changed (see 3.1, 2.1 of the 2010 edition); b) The classification and structure of life jacket lights have been expanded (see Chapter 4); c) The technical requirements for life jacket lights have been changed (see Chapter 5, Chapter 3 of the 2010 edition); d) The testing method for life jacket lights has been changed (see Chapter 6, Chapter 4 of the 2010 edition); e) The inspection rules have been changed (see Chapter 7, Chapter 5 of the 2010 edition); f) The requirements for marking, packaging, transport, and storage have been changed (see Chapter 8, Chapter 6 of the 2010 edition). g) Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the Ministry of Transport of the People's Republic of China.

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The release history of this document and the document it replaces is as follows.

-First published in 1986 as GB/T 5869-1986, and revised for the first time in 2010;

-This is the second revision. Life jacket lamp

1 Scope

This document specifies the classification and structure, technical requirements, test methods, inspection rules, as well as marking, packaging, transportation, and other aspects of life jacket lights. Storage requirements.

This document applies to the design, production, inspection, and use of life jacket lights. Life jacket lights with electronic positioning functions should refer to this document for further information.

2 Normative references

GB/T 45145

IEC 60945

IEC 63269

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 4 Classification and Structure

Lighting fixtures that indicate the location of people wearing life jackets to rescuers.

Note. It consists of main components such as lampshade, lamp holder, light source, circuit board, battery and connectors.

4 Classification and Structure

4.1 Life jacket lights are classified into two types according to their light emission method. fixed beam and flashing beam.

4.2 Life jacket lights are classified into three types according to the energy source they use. dry cell battery type, lithium primary battery type, and water-activated battery type. Dry cell battery type and lithium primary battery type...

The structure of the life jacket light is shown in Figure 1, and the structure of the water-activated battery type life jacket light is shown in Figure 2.

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