

ICS 47.020.50
CCS U 27



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

GB/T 23299-2009

Ships and marine technology -- Hydrostatic release units

船舶与海上技术 静水压力释放器

(English Translation)

Issued on: March 9, 2009

Implemented on: November 1, 2009

Issued by: Standardization Administration of China

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Foreword

This standard is equivalent to using ISO 15734:2001 "Ships and marine technology hydrostatic release unit" (in English).

This standard is equivalent translation ISO 15734:2001.

For ease of use, this standard made the following editorial changes.

--- "This International Standard" be replaced by "this standard";

"," --- With a decimal point instead of a comma as the decimal point, "";

--- Delete international standards foreword.

The standard proposed by China State Shipbuilding Corporation.

This standard by the National Standardization Technical Committee outfitting the ship lifesaving equipment Technical Committee (SAC/TC129/SC1) centralized.

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

1 Scope

This standard specifies the formula connected with the free-floating life-saving equipment (including inflatable liferaft and EPIRB device, referred EPIRB) Then the hydrostatic release unit (referred to as the releaser, HRU) performance and test requirements. Compliance with this standard and has been recognized as the competent authorities of hydrostatic Pressure release, can be regarded as in line with 1974 International Convention for the Safety of Life at Sea and the International Maritime Organization (IMO) life-saving equipment (LSA) rule.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

ISO 9227:1990 artificial atmosphere corrosion test salt spray test

3.1 Manufacturing

Hydrostatic release unit for survival craft EPIRB or free-floating equipment shall meet the following requirements.

- Should use appropriate means to avoid material failure; the coating is damaged may affect the performance of the device should not be used metal parts coating;
- Should have a drainage device, to avoid hydrostatic release unit when the water chamber in the hydrostatic normal working condition;
- Hand and cable means connected to each structural member should have a strength of not less than hand cable required;
- Hydrostatic release unit should be easy to replace or annual maintenance;
- Materials and components should be corrosion-resistant, not water, oil and detergents influence;
- After temperature cycling -30 °C ~ 65 °C can still work properly;
- Should be able to work within -1 °C ~ 30 °C seawater temperature range;
- Should be no more than 4m depth automatically released at the free-floating life-saving equipment;
- Under the impact of the sea should not be prematurely released.

3.2 Mark

Surface should be permanently marked in the following products.

- Manufacturer, type, serial number;
- Production Date;
- If the hydrostatic release unit is equipped with liferafts to have capacity constraints, liferaft shall be marked with the maximum capacity;
- If the hydrostatic release unit is disposable and should indicate the expiration date.

Nameplate 3.3 Maintenance Record If the hydrostatic release annual maintenance needs, maintenance records should be fixed on its flag.

3.4 Operation and Maintenance Guide

Operation and Maintenance Guide should be expressed in simple language and contains the following information.

- product description;
- Installation Guide;
- Shipping maintenance requirements;
- Maintenance requirements.

GB/T 23299-2009/ISO 15734:2001