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

GB/T 3939-1983

Replacing GB/T 3939.1-2004

**Nomenclature and signs of main fishing gear material - Part 1:
Netting twine
(English Translation)**

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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 is Part 1 of GB/T 3939 "Nomenclature and Marking of Main Fishing Gear Materials": GB/T 3939 has released the following parts:

- Part 1: Network cable;
- Part 2: Mesh;
- Part 3: Ropes;
- Part 4: Float;
- Part 5: Shen Zi:

This document replaces GB/T 3939.1-2004 "Main Fishing Gear Materials Naming and Marking Cables" and is consistent with GB/T 3939.1-2004 in addition to structural adjustments and editorial changes, the main technical changes are as follows:

- Added main network cable fiber material codes (see Chapter 4);
- Changed the category, composition and expression form of marks (see Chapter 5, Chapter 5, Chapter 6 and Chapter 7 of the:2004 edition);
- Added network cable specification mark (see 5.1:1);
- Added polyamide monofilament product classification number (see 5.1:2, 5:2:1);
- Added the marking content of network cables that have been physically or chemically treated (see 5.1:3, 5:1:4, 5:1:5, 5:2:2, 5:2:3, 5:2:4);
- Added braiding marks (see 5.1:4, 5:2:3);
- Added mixed line markers (see 5.1:5, 5:2:4):

Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents:

Introduction

Fishing gear materials refer to materials that are directly used to assemble fishing gear, mainly including five major categories of products: net wires, mesh sheets, ropes, floats and sinkers:

The naming and marking of main fishing gear materials is to unify the naming principles and marking composition of five major categories of products such as net lines: The main fishing gear materials are named after Marking standards meet the requirements for common exchange and convention of fishing gear materials, promote smooth communication, reduce communication barriers, and promote production and trade:

The smooth progress of business, scientific research and other activities: Net cable, mesh, rope, float and sinker products respectively belong to the five major categories of fishing gear material products: Related products the scale of the industry is huge and is generally processed and sold by different enterprises: Therefore, it is necessary to formulate relevant standards on a part-by-part basis to provide information for the development of modern fisheries:

Technology support: The high-quality development of fisheries requires corresponding fishing gear and material standardization systems to support it: GB/T 3939 "Main Fishing Gear Materials" "Names and Marks" aims to standardize the naming and marking of five major categories of fishing gear material products, including netting lines, to facilitate the supervision, production, trade and cooperation of related products:

For communication, etc., it is planned to be composed of five parts:

---Part 1: Network cable:

---Part 2: Mesh:

---Part 3: Rope:

---Part 4: Float:

---Part 5: Shen Zi:

Naming and marking of main fishing gear materials Part 1: Network Cable

1 Scope

This document defines the terms and definitions of net lines, the main materials of fishing gear, and establishes the principles for naming fishing net lines and the composition of markings:

This document applies to the production, trade and management of fishing net lines: Use other network cables for reference:

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:

SC/T 5001 Basic terminology for fishing gear materials

3 Terms and definitions

The terms and definitions defined in SC/T 5001 and the following apply to this document:

fishinggearmaterialfishinggearmaterial Materials used directly to assemble fishing gear:

Note: Fishing gear materials mainly include net lines (3:2), nets, ropes, floats, sinkers and other materials:

[Source: SC/T 5001-2014,2:1] 3.2 Network cable nettingtwine;fishingtwine it is a linear material that can be directly used to weave mesh and has basic physical and mechanical properties such as certain strength and good structural stability:

[Source: SC/T 5001-2014,2:6, with modifications] 3.3 monofilament A filament that is strong enough to be used alone as a single yarn or wire (3:2):

[Source: SC/T 5001-2014,2:6:3] 3.4 braidednettingtwine braided wire A network cable composed of several even-numbered strands (such as 6, 8, 12, 16) paired or single and double strands, interwoven and interlaced with each other:

[Source: SC/T 5001-2014, 2:6:5, modified] 3.5 twistedtwistednettingtwine A network cable made by twisting the strands:

[Source: SC/T 5001-2014,2:6:6]