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**Ships and marine technology —  
Dredgers — Vocabulary**

*Navires et technologie maritime — Dragues — Vocabulaire*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 7, *Inland navigation vessels*.

This fourth edition cancels and replaces the third edition (ISO 8384:2018), of which it constitutes a minor revision.

The changes compared to the previous edition are as follows:

- a note for "seabed" was added,
- references were corrected,
- delivery pipeline was clarified,
- wording was improved for entries such as, e.g. [3.4.34](#), [3.7.5](#), [3.7.12](#), [3.7.29](#), and
- a note was added for swing winches.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

# Ships and marine technology — Dredgers — Vocabulary

## 1 Scope

This document specifies terms and definitions relating to dredgers, with the aim of giving clear enough definitions for every term for them to be understood by all specialists.

This document is applicable only to equipment which is used for the construction and maintenance of navigable waterways and the extraction of soil.

The terms specified in this document are intended to be used in documentation of all kinds. Certain standardized terms are also given with their abridged version; these can be used in cases where no possibility of misinterpretation can arise.

A combination of terms is allowed in application.

## 2 Normative references

There are no normative references in this document.

## 3 Terms and definitions

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

### 3.1 Terms relating to general concepts applicable to dredgers

#### 3.1.1

##### **dredging**

loosening, collecting, transporting and disposing of *dredged mixture* ([3.6.1](#))

#### 3.1.2

##### **hopper loading**

process of the *dredged mixture* ([3.6.1](#)) filled into the *hopper hold* ([3.4.18](#)) of the *hopper barge* ([3.4.13](#)) or *hopper dredger* ([3.3.1.1.1](#))

#### 3.1.3

##### **soil**

seabed material, which may contain sludge, sand, rocks and other material

Note 1 to entry: In this term, “seabed” means the bottom of a river, channel, lake or ocean.

#### 3.1.4

##### **dredging site**

geographical site where excavation or extraction of the *soil* ([3.1.3](#)) is carried out

#### 3.1.5

##### **dredger**

vessel or piece of equipment intended for *dredging* ([3.1.1](#))