

Ships and marine technology - Dredgers - Vocabulary  
(ISO 8384:2019)

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EUROPEAN STANDARD

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## Ships and marine technology - Dredgers - Vocabulary (ISO 8384:2019)

Navires et technologie maritime - Dragues -  
Vocabulaire (ISO 8384:2019)

Schiffe und Meerestechnik - Schwimmbagger - Begriffe  
(ISO 8384:2019)

This European Standard was approved by CEN on 12 August 2019.

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**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## European foreword

This document (EN ISO 8384:2019) has been prepared by Technical Committee ISO/TC 8 "Ships and marine technology" in collaboration with Technical Committee CEN/TC 15 "Inland navigation vessels" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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## Endorsement notice

The text of ISO 8384:2019 has been approved by CEN as EN ISO 8384:2019 without any modification.

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## Foreword

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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)