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**Ships and marine technology — Propulsion  
plants for ships —**

Part 2:

**Vocabulary for controllable-pitch propeller  
plants**

*Navires et technologie maritime — Installations de propulsion  
des navires —*

*Partie 2: Vocabulaire pour installations avec hélice à pas variable*



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## Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 3715 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 3715-2 was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 3, *Piping and machinery*.

ISO 3715 consists of the following parts, under the general title *Ships and marine technology — Propulsion plants for ships*:

- Part 1: Vocabulary for geometry of propellers
- Part 2: Vocabulary for controllable-pitch propeller plants

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# Ships and marine technology — Propulsion plants for ships —

## Part 2:

## Vocabulary for controllable-pitch propeller plants

### Scope

This part of ISO 3715 gives terms and definitions applicable exclusively to continuously variable and hydraulic operated controllable-pitch propeller units. It does not cover controllable-pitch propeller units for which only a few specified pitch settings apply.

General vocabulary for the geometry of screw propellers is given in ISO 3715-1 and is also valid for controllable-pitch propellers.

### Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of ISO 3715. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 3715 are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 3715-1, *Ships and marine technology — Propulsion plants for ships — Part 1: Vocabulary for geometry of propellers*

### Terms and definitions

#### 1

##### **controllable-pitch propeller**

screw propeller with controllable pitch of the blades

NOTE Figure 1 shows a controllable-pitch propeller unit and its individual components.

#### 1.1

##### **controllable-pitch reversible propeller**

screw propeller with controllable pitch of the blades in positive and negative range of pitch angle

#### 1.2

##### **controllable-pitch non-reversible propeller**

screw propeller with controllable-pitch of the blades in the positive range of pitch angle

#### 1.3

##### **controllable-pitch propeller including feathering position**

screw propeller with controllable pitch of the blades in positive and negative range of pitch angle and in feathering position