ABYC H-40

ANCHORING, MOORING, AND STRONG POINTS
Origin and Development


Hull & Deck Structures Project Technical Committee

This list represents the membership at the time the committee was balloted.

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ABYC and its committees do not “approve” or “endorse” any item, construction, or proprietary device.

Request for Interpretations

Upon written request the Hull and Deck Structures PTC will render an interpretation of any requirement of the standard. The request for interpretation should be clear and unambiguous. Requests should be presented to the PTC in a manner in which they may be answered in a “Yes” or “No” fashion.

The committee reserves the right to reconsider any interpretation when or if additional information that might affect it becomes available to the PTC. Persons aggrieved by an interpretation may appeal to the Committee for reinterpretation.
Summary of Revisions
This list indicates revisions to the standard when compared with the previously published version. It is not intended to be used independently of the standard. It should be used for informational purposes and as a guide to the official requirements contained in this standard. It is the responsibility of the user to read and understand the complete standard.

The main changes in this revision of H-40, Anchoring, Mooring, and Strong Points, as compared with the previous edition dated 7/14, are:

- Scope and Purpose were combined
- Units of Measure section was added
- Compliance for loads was clarified
- Stowed anchor requirements were revised

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**H-40 ANCHORING, MOORING, AND STRONG POINTS**

Based on ABYC's assessment of the existing technology, and the problems associated with achieving the goals of this standard, ABYC recommends compliance with this standard for all boats, associated equipment, and systems manufactured after July 31, 2020.

### 40.1 SCOPE

This standard applies to the design, construction, selection, and installation of fittings and equipment that are attached to or carried on boats for anchoring, mooring, docking, lifting, towing, and trailering of all boats.

**EXCEPTIONS:**
1. Manually propelled boats.
2. Boats less than 2 hp and not intended to be anchored or towed.
3. Canoes and kayaks.

**NOTES:**
1. The operator is responsible for equipping the boat with ground tackle, mooring, and docking lines appropriate to the boat's intended use and area of operation.
2. This standard does not address loads that may be encountered on grounded or swamped boats.

### 40.2 UNITS OF MEASURE

Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate.

### 40.3 REFERENCES

The following references form a part of this standard. Unless otherwise noted the latest version of referenced standards shall apply.

#### 40.3.1 ABYC - American Boat & Yacht Council, Inc, 613 Third Street, Suite 10, Annapolis, MD 21403. Phone: (410) 990-4460. Fax: (410) 990-4466. Website: www.abycinc.org

- ABYC E-2, Cathodic Protection
- ABYC S-30, Outboard Engine and Related Weights

### 40.4 DEFINITIONS

For the purposes of this standard, the following definitions apply.

#### 40.4.1 Anchor
- a device designed to engage the bottom of a waterway, and through its resistance to drag, maintain a boat within a given radius, and capable of being deployed, and recovered.

#### 40.4.2 Anchor Rode
- the line, cable, chain, and other fittings connected to an anchor.

#### 40.4.3 Anchor Rollers
- rollers or fittings designed to assist in leading the anchor rode outboard, and/or to stow the anchor.

#### 40.4.4 Backing Plate/Block
- localized reinforcement of the deck or hull structure.

#### 40.4.5 Boat Weight

- **outboard** - the boat weight includes the heaviest outboard engine(s) for which the boat is rated (see ABYC S-30, Outboard Engine and Related Weights), full permanent fuel tanks, full permanent water tanks, the heaviest production tolerances, and factory supplied, permanently installed, nonportable appurtenances.

- **sterndrive and inboard** - the boat weight includes sterndrive(s) and engine(s), batteries, full fuel system, full permanent water tanks, the heaviest production tolerances, and factory supplied, permanently installed, nonportable appurtenances.