

H-26 POWERING OF BOATS

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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 and/or installed after July 31, 2007.

26.1 PURPOSE

This standard is a guide for determining the maximum power for propulsion of outboard boats; evaluating the suitability of power installed in inboard boats; and determining maneuvering speed.

NOTE: *The maximum power determined by using this standard may have an effect on the integrity of the boat structure during use and trailering.*

26.2 SCOPE

This standard applies to boats propelled by machinery including catamarans.

EXCEPTIONS:

1. **Inflatable Boats** (see [ABYC H-28, Inflatable Boats](#));
2. **Canoes and Kayaks** (see [ABYC H-29, Canoes and Kayaks](#));
3. **Pontoon Boats** (see [ABYC H-35, Powering and Load Capacity of Pontoon Boats](#))

26.3 REFERENCED ORGANIZATIONS

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

CFR - Code of Federal Regulations and other government publications. Obtain from the Superintendent of Documents, United States Government Information, POB 371 954, Pittsburgh, PA 15250-7954. (202) 512-1800 or FAX (202) 512-2250 Website: www.access.gpo.gov. The CFR is also available from ABYC, Inc., 613 Third Street, Suite 10, Annapolis, MD 21403. Phone: (410) 990-4466. Fax: (410) 990-4466.

26.4 DEFINITIONS

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

Boat Speed - velocity of a boat measured in statute miles per hour (MPH).

Catamaran - a hull with two running surfaces separated by a section that is above the running surfaces.

Note 1 – Central pods are not considered when determining hull type.

Note 2 – If the line of intersection of the water surface with the boat at rest and loaded to capacity forms a single closed curve, then the boat must also comply with applicable federal regulations found in [33 CFR](#).

Flat Bottom - a boat with a deadrise angle of two degrees or less when measured amidships.

Hard Chine- a radius or chamfer of ½ inch or less between the side and bottom with an inclusive angle of 110 degrees or less between the side and bottom when measured in the aft quarter.