

## **H-29 CANOES AND KAYAKS**

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## H-29 CANOES AND KAYAKS

Based on ABYC's assessment of the state of existing technology, and the problems associated with achieving the requirements of this standard, ABYC recommends compliance with this standard for boats constructed after July 31, 2009.

### 29.1 PURPOSE

This standard is a guide for determining capacities, flotation, powering, design, construction and labeling of canoes and kayaks.

### 29.2 SCOPE

This standard applies to all boats identified as canoes or kayaks, including inflatable canoes or kayaks.

#### **EXCEPTION:**

***Canoes or kayaks intended solely for competition.***

### 29.3 REFERENCED ORGANIZATIONS

ABYC - American Boat and Yacht Council, Inc., 613 Third St. Annapolis, MD 21403. Phone: (410) 990-4460 Fax; (410) 990-4466 Web site: [www.abycinc.org](http://www.abycinc.org)

CFR – Code of Federal Regulations and other government publications, may be obtained from the U.S. Coast Guard, 200 Second St. S.W., Washington, DC 20593. Phone: (202) 593-0001 or from the U.S. Government Printing Office Bookstore: <http://bookstore.gpo.gov>. Also available from ABYC in *Rules and Regulations for Small Craft*

### 29.4 DEFINITIONS

Beam - The maximum width of the boat which includes all structural or integral parts of the boat such as extensions of the hull and gunnels. The beam shall be measured as the largest distance between two vertical planes parallel to the center plane of the boat.

Canoe - A watercraft, designed to be manually propelled, with or without provision for auxiliary power, with neither end having a transverse dimension greater than 45% of its maximum beam and conforms to the following table:

Canoe Length	Maximum Beam
14 ft. (4.25m) or less	1/3 Canoe Length
over 14 ft. to 16 ft. (4.9m)	1/4 Canoe Length
over 16 ft. (over 4.9m)	1/5 Canoe Length

Freeboard - the vertical distance between the waterline in calm water and the water ingress reference plane.

Inflatable canoe or kayak - Any canoe or kayak that achieves and maintains its intended structure, shape and buoyancy through the medium of inflation.

Kayak - A watercraft designed to be manually propelled, typically without provision for auxiliary power, with the occupant intended to be seated with legs approximately 90° from the torso.

Length Overall (LOA) - the straight line measurement from the foremost part of the boat to the aftermost part of the boat, not including rudders and skegs, measured parallel to the centerline and to the design waterline.

Maximum weight capacity - the maximum load in pounds that the canoe or kayak may carry. This load consists of:

- outboard engine or motor and portable tank or battery, if rated for mechanical propulsion, and
- persons, and
- gear not part of the canoe's or kayak's structure.

Permanently installed - securely fastened so that tools, such as wrenches and screwdrivers, must be used for removal.