

Aftermarket Hull Homologation, Hull And Sponson Guide:

IJSBA has allowed for the proliferation of aftermarket hulls in various competition categories. Personal Watercraft, in these categories, have reached speeds greater than which was contemplated when the categories were created. IJSBA finds the need to identify the builders of the aftermarket hulls used as well as the properties of those hulls. For this reason, IJSBA will begin a homologation process for the use of aftermarket hulls in IJSBA sanctioned competition. IJSBA expects to complete this process for the 2024 competition season.

Aftermarket hull manufacturers will be required to register with IJSBA and identify each design of hull to be allowed in competition. The build materials and process shall be identified in the application. Builders do not need to homologate all hulls built but only those hulls which are homologated shall be allowed to compete in IJSBA sanctioned racing. IJSBA will issue a hull ID tag for each individual homologated hull and those identification tags will be maintained in database which will be accessed by event organizers to ensure authenticity and compliance.

During the homologation process, designs will be scrutinized. A key component of scrutiny will be how sponsons and sponson features are integrated into the hull design. Hulls which offer more sponson or sponson-like features than could be obtained on an OEM hull will not be allowed homologation. The guide below will assist in determining how sponson features may be integrated into the hull and which additional sponsons, if any, can be affixed to the homologated aftermarket hull.

Sponson Guide:

IJSBA will distinguish the two types of sponsons commonly found on Ski type personal watercraft: "Tubbies" and "Standard" sponsons which may commonly have a backing plate and a blade. A tubbie is a convex affixture to the gunnel side of the hull, below the topdeck. A standard sponson is a projection which is frequently a winged fixture or a block that may have a paddle or blade attached.

Hulls, aftermarket, or OEM shall be allowed to have two sets of standard sponsons on each side of the Ski. Any appendage will be treated as a sponson whether bolt on or integrated into the side of the hull. The physical anatomy of this feature shall determine whether it is a tubbie or standard sponson. Any sharp angles or channels created in the appendage will cause that appendage to be counted as a standard sponson and the entire measurable feature will be counted towards the maximum allowed sponson length. This means that a convex "tubbie" feature that has any sort of lip, fin, or channel, will be considered a standard sponson and wherever the beginning of that feature can be detected then the horizontal length between that point and where the feature is no longer detectable shall be counted as standard sponson length. Blades, fins, or gratuitous edges created in the top deck or bond flange point shall be counted as a sponson.

There shall be allowed a total of TWO standard sponsons allowed on each side of the SKI regardless of whether the sponson is bolt on, glassed in, or otherwise integrated into the hull. One sponson shall be limited to 36 inches in length or less. The second sponson may run the entire length of the hull so long as there is no hazard created by the design. Specifically, a gentle entry at the bow of the watercraft shall be required. Sponsons may not be broken up or length redistributed. For example, if one of the sponsons does not run the entire length of the hull, the remaining allowable length cannot be added to the 36 inch sponson. If an integrated sponson becomes flush with the hull, it cannot reappear and still

be counted as the same sponson even if it is visibly the same fixture. Each identifiable appendage is a sponson.

SKI which are equipped with two standard sponsons, whether integrated or bolt on, where the total sponson length on each side does not exceed 72 inches, may stuff the channel created by the bondline with an appendage not to exceed 36 inches in length and not to drop below the channel of the bond line by more than 1.5 inches.

Tubbie appendages may appear integrated or bolt on in any frequency so long as no part of the appendage creates a channel or lip. If two tubbies are placed adjacent and create a channel then those will be counted as standard sponsons.

No part of any sponson or appendage may go past the bond line as measured by a plumb bob. All other sponson dimensions and regulations are kept from previous provisions applied to the category of competition.