[0008] Collapsible boats with one or more inflatable members are provided. The disclosed boats include a plurality of connected hull panels movable to provide a collapsed hull configuration and an expanded hull configuration, and at least one inflatable member. The disclosed boats can include one or more inflatable interior members that when inflated constrain the hull panels in the expanded hull configuration. The disclosed boats can include one or more removable or attached (*e.g.*, hinged) solid seats that when installed (may not be necessary) constrain the hull panels in the expanded hull configuration. The disclosed boats can include one or more inflatable exterior members that distribute additional buoyancy around at least a portion of a perimeter of the hull when the hull is in the expanded configuration. The disclosed boats provide a significant amount of capacity and stability for their size, while being easily transportable in the collapsed configuration. The disclosed boats are relatively light weight, and can often be transported without a boat trailer. In many embodiments, inflatable interior members provide both stabilization of the hull in the expanded condition and seating surfaces. The use of one or more inflatable interior members to stabilize the hull provides significant convenience to the user of the boat by simplifying the deployment process. The use of one or more removable or hinged attached solid seats to stabilize the hull provides for a fast hull deployment process.

[0009] Thus, in a first aspect, a boat is disclosed, the boat comprising a collapsible hull having a first end and a second end, the hull comprising a plurality of panels extending between the first end and the second end, each of the panels being connected with at least one other of the panels, each of the panels having a rear margin disposed to the second end of the boat, the panels including side panels that include a port side panel and a starboard side panel, the hull configurable between a collapsed configuration and an expanded configuration, the hull further comprising a flexible diaphragm connected with the rear margins of the panels, the flexible diaphragm configured to have a substantially compact configuration when the hull is in the collapsed configuration, and the flexible diaphragm providing a water-tight barrier when the hull is in the expanded configuration; a folding rigid transom, separate from the flexible diaphragm, to constrain at least two rear margins of the panels when the hull is in the expanded configuration, the folding rigid transom remaining attached to at least one of the port side panel or the starboard side panel when the hull is in the collapsed configuration~~provided that includes a collapsible hull having a first end and a second end, and at least one inflatable interior member. The collapsible hull includes a plurality of panels extending between the first end and the second end. Each panel is connected with at least one of the plurality of panels. The hull is configurable between a collapsed configuration and an expanded configuration. The at least one inflatable interior member is inflatable to constrain the plurality of panels when the hull is in the expanded configuration~~.

[0010] In many embodiments, the boat includes a flexible diaphragm. The flexible diaphragm can be connected with a rear margin of each panel (disposed to the second end of the boat). The flexible diaphragm can be configured to have a substantially compact configuration when the hull is in the collapsed configuration, and provide a water-tight barrier when the hull is in the expanded configuration.

[0011] In many embodiments, the boat includes an inflatable exterior member connected with the hull. The exterior member, when inflated, extends around at least a portion of a perimeter of the hull when the hull is in the expanded configuration.