

BARGE

WMS3

Drilling and Testing Barge

The WMS3 Barge is unique in several respects as a platform for investigating site conditions in the deeper water depths up to 50m frequently found near shore in coastal British Columbia. Specific advantages this platform has include:

- **Size:** The barge is 2x – 2.5x larger than most barges used for near shore geotechnical work. This allows the barge to remain stable in wind-driven seas up to 1.5 m in height. This size also allows for a comfortable, safe, and uncluttered work site, with ample storage.
- **Moon Pool:** The barge has an 18" moon pool located very close to the center of the barge that allows for a dry, protected, and stable drilling work area.
- **Anchor System:** Two 100,000 lb. pull double drum winches, one located on each side of the barge, hold 2,000 feet (660 m) of 1 ¼" wire rope attached to 4 8-ton Delta Flipper anchors. This system not only allows for superb holding in challenging site and weather conditions, but also the barge can move itself up to 500 m in any direction without tug assistance.
- **Safety:** The barge has all Transport Canada required safety equipment, and has been surveyed by a Naval architect within the past 12 months, resulting in a "Fit for Purpose" certification.

Dimensions:

Width: 14.48 m (47.5') | **Length:** 51.96 m (170.5') | **Height:** 3.5 m (11.5')

Deck Capacity: 2 tonnes/m²

