

## 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 1.5m 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 2000 feet (660m) 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 500m 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:** 14.48m (47.5') | **Length:** 51.96m (170.5') | **Depth:** 3.5m (11.5')

**Deck Capacity:** 2 Tonnes/m<sup>2</sup>

