

Modular Cable Barge

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The HT Marine Modular Cable Barge is a custom-made vessel, designed specifically to meet the demands of shallow water cable installation.

It has been developed to lay cables in fjords, lochs, lakes, estuaries and river crossings — often locations in the more remote areas of the world. These projects frequently require special installation methods, particularly when water depth can be as little as 2 metres.

The Modular Cable Barge can be transported in sections by two 90 ft container length trailers. Once on site, it takes three hours to re-assemble, after which the working platform can be fitted with the appropriate HT Marine lay



equipment — cable drums or tank, gantry system and cable engines — adding just four more hours to the mobilization time.

With up to 40 tonnes of cable on deck, the vessel has a maximum draft of one metre, and can operate safely in shallows. Water jet propulsion minimises the risk of sea or river bed engine damage and avoids the danger of fouling the cable being laid.

The Modular Cable Barge has already proved to be a valuable concept. An early project involved installing seventeen cables across numerous Icelandic fjords, many of which are inaccessible or too shallow for other types of vessel, and was able to be mobilised quickly between periods of appalling weather conditions.



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Length overall	21.9 m
Beam overall	7.4 m
Draft loaded	1.1 m
Lightship	17.2 tonnes
Deadweight	44.8 tonnes
Displacement loaded	58 tonnes