

**The Cube™**  
Certified

## Marine Environmental Protection

Oil Pollution Clean Up

### The Cube™ Marine Environmental Protection Module

The Environmental Protection Module is a plug-and-play system to launch and recover multiple Flexible Filter Environmental Barges from a naval or coast guard vessel.

The Environmental Protection Module is fully equipped with davits to launch the Flexible Filter Environmental Barge, pressure/steam cleaner to

clean the barge after recovery, a basin for wastewater/oily water, and a power supply to charge the batteries of the barge.

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Patent pending

The Flexible Filter Environmental Barge comes fully equipped with electrically powered oil skimmer, power pack and filter elements and provides a collection and on-site filtering capacity.

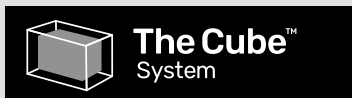
In one single operation, the Flexible Filter Environmental Barge can collect oil mixed water from the sea, filter the water, and return the purified water back into the sea. The barge can effectively store the collected oil until it can be pumped into a storage tank and recycled.

Once launched, the Flexible Filter Environmental Barge can be towed by a RIB or small dinghy, or sail autonomously into the operations area.

In the operations area, the barge will be connected to oil booms which lead the oil to the barge where the oil is collected.

The Storage Module contains four Flexible Filter Environmental Barges stacked in a cradle on a 20' flat rack. All functional equipment for the barges is stored in the holding tank of each barge, and easily mounted when rigging the barge for operation.

The Environmental Protection Module can launch barges from multiple Storage Modules stored in the bay behind the Environmental Protection Module.



#### Technical specifications – Filter Environmental Barge

Description	Value
Bogie Barge footprint	ISO 20' - L 6058 mm x W 2440 mm
Barge height	H 1000 mm
Barge draft	60 cm constant draft
Barge weight – incl. skimmer and power pack	1.000 kg
Oil capacity	4.4 m <sup>3</sup>
Skimmer capacity (oily water)	Up to 15.5 m <sup>3</sup> per hour

#### Technical specifications – Storage Module

Description	Value
Module footprint	ISO 20' - L 6058 mm x W 2440 mm
Module total height – incl. barges	ISO 20' HC - H 2896 mm
Module net weight	3.950 kg
Number of Filter Environmental Barges	4 barges stacked in storage module
Total weight – incl barges	7.950 kg