

Skimmerboom

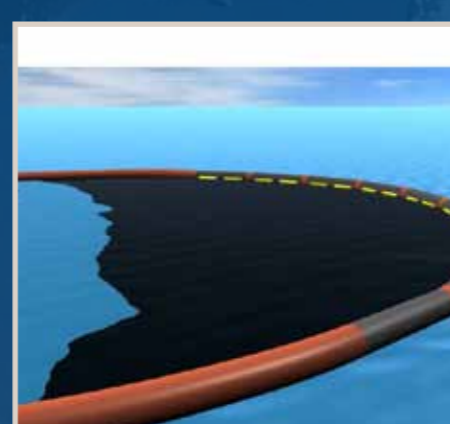
Mechanical oil recovery consists of two main components; A boom to keep the oil collected and a skimmer to separate oil from water.

The present *patent pending* invention integrates skimmer and boom in one unit increasing the contact between skimmer and oil and reducing the need to reposition the skimmer inside the boom. By using trawl technology the skimmerboom may be operated by a single vessel.

Key elements;



- At least one skimmer integrated in a boom element
- A pump to pump the collected oil through an integrated hose
- An integrated hydraulic engine for the skimmer/ pump
- Floating elements for correct positioning of the skimmerboom
- A coupling device for connection of separate skimmerboom elements
- Signal cables, hydraulic hoses, skirts, weights and strength enforcement system
- A number of skimmerboom elements may be connected in series
- The lead boom is connected with a vessel for the operation of the system
- Improved efficiency and simplified operation
- Project; Approximately 2 years development time, budget estimate; NOK 6 million/US\$ 1 million



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