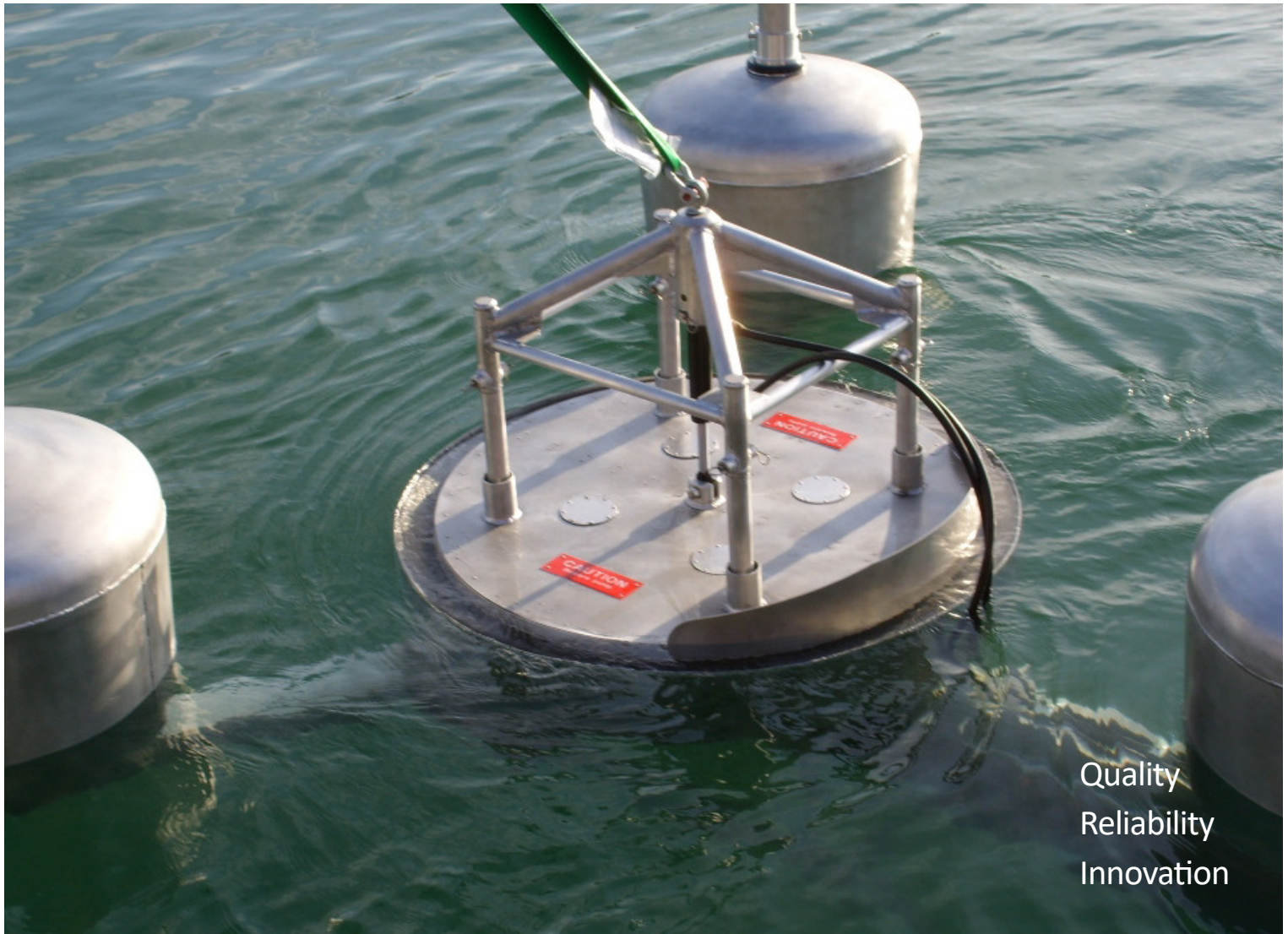


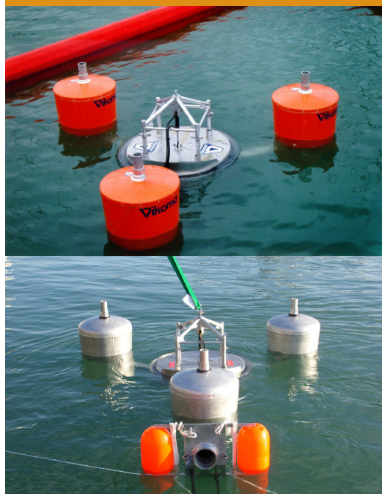
Cascade Skimmer

VIKOMA

Protecting our environment over 50 years



Quality
Reliability
Innovation



A high capacity weir skimmer suited to large oil spills

- A high capacity, hydraulically adjustable weir
- Ideal of use in large oil spills
- Capable of handling a wide range of oil viscosities
- Recovers oils at up to 150m³/hr

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Vikoma manufacture a range of weir skimmers for different scenarios from large spills at sea to lower volume industrial applications.

A weir skimmer has a lip which is positioned at the optimum level to allow the surface layer of oil flow over the lip and be pumped away. Most weir skimmers have adjustable weir heights to allow for different thickness of the oil layer.

Weir skimmers are ideal for use in relatively calm waters and industrial situations. They can handle very high volumes of oil, though generally with a higher water content than a disc.

The Vikoma Cascade is a high capacity, hydraulically adjustable weir skimmer designed to be particularly effective in large oil spills where a high oil recovery rate is required. Two Cascade skimmers meet a Tier 1 response requirement under OPA '90.

The Cascade has a floating circular weir device with onboard hydraulically driven positive displacement VikoPump. The weir lies just below the oil surface and the top layer of oil flows over the weir lip and is pumped away to storage.

The VikoPump is particularly adept at handling highly viscous fluids and solids of up to 30mm diameter; it has been proven to be highly efficient in aggressive environments and capable of maintenance-free operation and dry running for short periods.

The unique discharge outlet and hose float assembly reduces hose drag and ensures stability and enables the Cascade to be used in towed array at up to 2 knots.

A remote control console allows the operator to optimise recovery by varying the pump speed and hydraulically adjusting the depth of the weir relative to the oil thickness.

The Cascade's arms are hinged and can be folded for easy transport and storage.

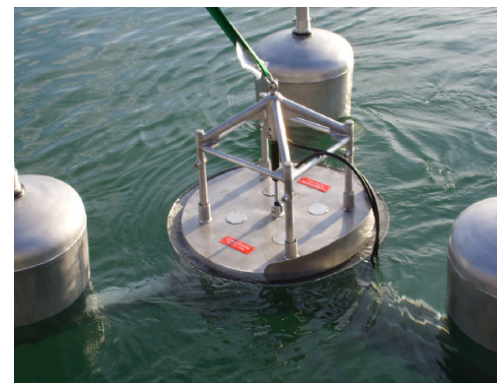
The system is supplied with the Cascade weir skimmer head, GP70 powerpack and control console.

Product Benefits:

- High volume weir skimmer
- Recovers a wide range of oils at up to 150m³/hr
- Ideal for large spills



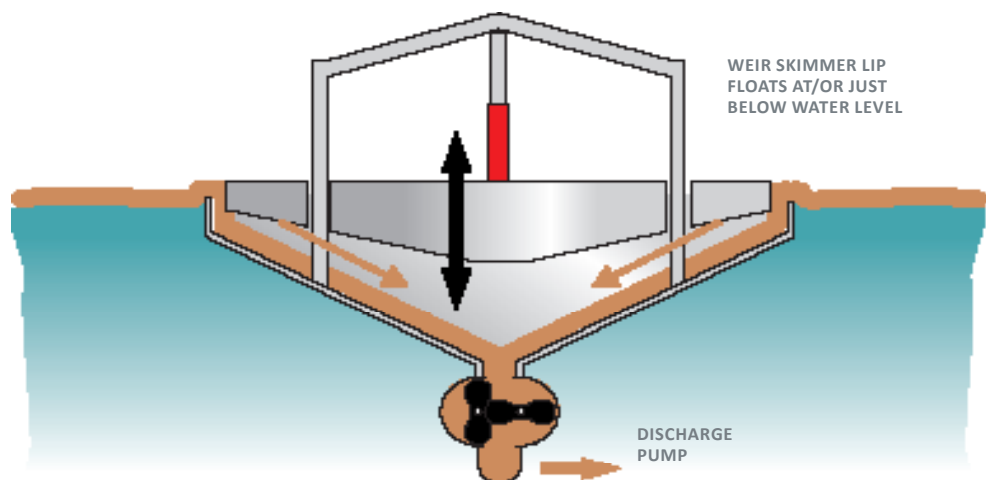
Cascade in situ



Cascade skimmer



Maximum Recovery Capacity
150m ³ per hour
System components
Cascade Skimmer head with Lobe Pump. Control Console. GP 70 Diesel Hydraulic Powerpack. Hose Reel and Hose Kit.
Optional extras
All weather cover for powerpack. Spare kits for skimmer and powerpack.



Weir skimmer diagram