

INTEGRATED MARINE BARRIER

A submergible marine barrier protecting marine installations in a protected zone against intrusion and providing a containment barrier against spread of floating spills or bodies. The body of the barrier is supported above
5 water by a main body thus preventing intrusion and containing floating spillage. A weight in main body keeps the barrier upright, and a rigid floatation chamber in the main body keeps it afloat when full of air. A skimming pipe collects floating pollution. Flooding the floatation chambers causes the barrier to submerge allowing access to the protected zone and protecting the barrier from
10 storms. Body, main body, and floatation chambers are made of extruded material with flotation properties (e.g. plastic pipes). Floatation chambers are connected by air hoses and have air venting tubes at their bottom. Sensors detect approaching intruders and pollution, while spikes, barbed-wire and diver-net or any known barrier are used to stop them.

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Fig. 2A for publication.