【ABSTRACT】

A device for diminishing flow resistance in a moon pool is disclosed. The device includes a guide structure (16) having a lattice shape. The guide structure includes horizontal guide plates (20), guide ramps (22), longitudinal reinforcing beams (24) and a hinge axis (H). The horizontal guide plates are spaced apart from each other along a longitudinal direction of a hull and arranged in rows along a lateral direction of the hull. The guide ramps are arranged in rows along the lateral direction and coupled to the respective horizontal guide plates. Front ends of the guide ramps are inclined upwards towards a bow side of the hull and spaced apart from rear ends of the adjacent fore horizontal guide plates. The longitudinal reinforcing beams support the horizontal guide plates and the guide ramps. The lattice guide structure is rotated around the hinge axis towards a transit position or a working position.