FOLDABLE DERRICK STRUCTURE FOR SHIPS

ABSTRACT OF THE DISCLOSURE

The present disclosure relates to a foldable derrick structure for ships that allows a ship to pass a sea route with an air draft limit by folding the derrick, thereby enabling reduction in time and cost for navigation of the ship. The derrick structure includes a derrick including an upper derrick element vertically divided into first and second derrick elements, a lower derrick element, and a hinge coupler rotatably coupling the upper derrick element to the lower derrick element; a first hydraulic cylinder provided to the first derrick element; and a second hydraulic cylinder provided to the second derrick element. The first and second derrick elements are driven by the first and second hydraulic cylinders to be rotated and folded about the hinge coupler in opposite directions with respect to the lower derrick element secured to and supported by a ship.