thruster canister installed on the underwater unit. A driving motor for driving the propeller, a hydraulic system, a lubricating device, and so on, are installed in the thruster canister.

The thruster canister is installed to be vertically movable within a vertical trunk of a hull. When the thruster assembly is repaired or maintained or the ship passes through shallow water, such as a canal, the thruster canister is lifted up within the vertical trunk of the hull.

Meanwhile, an arctic drill ship used in arctic regions is configured such that various loading and unloading operations are carried out within the hull in order to avoid outworking under arctic environments. To this end, a landing floor on which side-dish containers or the like can be landed is required above the vertical trunk in which the thruster assembly is installed, that is, below a main deck of the hull. In particular, it is necessary to configure the landing floor which can avoid interference with a thruster canister which vertically moves within the vertical trunk and can facilitate the loading and unloading operations within the hull.

SUMMARY OF THE INVENTION

Embodiments~~An aspect~~ of the present invention are~~is~~ directed to a floor apparatus for a ship, which can facilitate the landing of a container within a trunk which is formed vertically inside a hull.

According to an aspect~~embodiment~~ of the present invention, a floor apparatus for a ship, which is installed within a vertical trunk of a hull, includes: a floor frame installed to be vertically movable within the vertical trunk, wherein the floor frame interlocks with a thruster canister which is installed to be vertically movable within the vertical trunk, such that the floor frame is vertically moved with the thruster canister within at least a predetermined section.

The ship may be an arctic drill ship, the floor frame may be installed in an upper space of the vertical trunk which is adjacent to the bottom of a main deck of a hull, and a