

ABSTRACT

A ship maneuvering control apparatus includes a receiver, a memory, and an arithmetic section. The receiver receives a propulsion command which instructs a forward-backward or right-left direction of movement of a hull or a turning direction of the hull. The memory stores hull characteristics data which indicates a relationship between a drift angle, which is an angle between an orientation of the hull and a direction of movement of the hull, a speed through water, and a force in a forward-backward direction, a force in a right-left direction, and moment that are based on a resistance force which the hull receives from water as the hull moves. The arithmetic section modifies the propulsion command using a compensation value of the force in the forward-backward direction and a compensation value of the moment that are obtained based on the hull characteristics data and controls a propulsion machine based on the propulsion command after modification.