

ABSTRACT

The present invention provides a hull surface management system for providing information about a hull cleaning condition by obtaining a captured image of an outer surface of a hull from a ship bottom cleaning robot cleaning the hull, the hull surface management system comprising: a control device which divides a region of the hull to be cleaned into a plurality of unit regions using a pre-input ship information, and maps a location information of the ship bottom cleaning robot and a cleaning image data obtained by processing the captured image to the plurality of unit regions, to generate a mapping data; and a management server which outputs a location of the ship bottom cleaning robot cleaning the hull and a cleaning condition for each unit region of the hull using the generated mapping data.

[FIG 1]