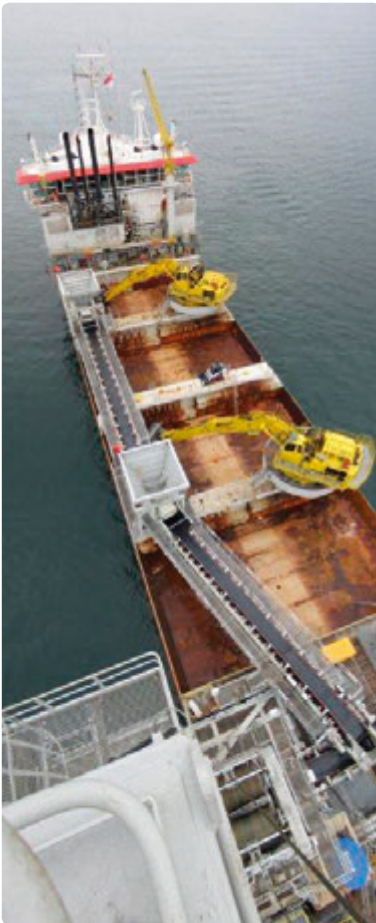
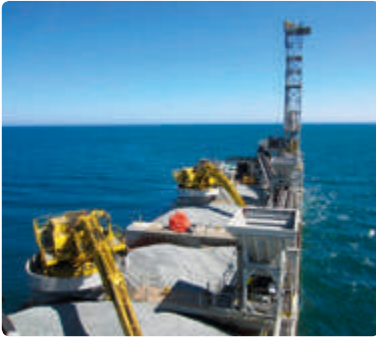


INGESHIP

SDCS

INGESHIP IAS Technical Functions
Stone Dumping Control System



A Side Stone Dumping Vessel (SSDV) transports rocks and puts them overboard at a steady pace. This rock dumping method is typically used in shallow water.

Stone Dumping Control System

Our solutions for the SSDV are:

Monitoring and Remote Control of the Slides and Flaps for the Stone Compartments: The system controls the flaps to keep them fully closed during the sailing and open them before the dump process. The rock dump process is executed pushing the slides, controlling their position and regulating the trim and the draught of the vessel using the ballast system auto functions.

Ballast System Auto Functions: The target of this system is to keep the vessel with a predefined list and draught during the operations of loading and dumping stones