

INCASS

Inspection Capabilities for Enhanced Ship Safety



A ship is being inspected and surveyed.



An ultra-light magnetic crawler for the inspection of cargo holds and ship hulls.



The Crawler is able to inspect even hard-to-reach regions like cargo holds.

Development of innovative concepts for enhanced ship safety

The INCASS project is a multifaceted project bringing together a range of experienced and dedicated partners in order to tackle the issue of ship inspection, identification of high-risk and sub-standard ships, providing access to information related to ship surveys independent of the ship flag state and inspection regime. Moreover the project tends to incorporate enhanced and harmonized cooperation of maritime stakeholders. Its main aim is to avoid ship accidents, promote maritime safety and protect the environment.

Machinery and structural data from ship operations, inspection data and failures, is very valuable and could be used much more effectively to maximize benefits to the shipping business and the wider community.

The INCASS consortium aims to bring an innovative solution to the ship inspection regime through the introduction of enhanced inspection of ship structures based on robotic platforms, providing ship structures and machinery with realtime information using 'intelligent' sensors and incorporate structural and machinery risk analysis.

Duration: 11/2013 – 04/2017

Partners:



Sponsored by:



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