Welcome to the INCASS NEWSLETTER Issue 2. The periodical newsletter is part of the informative material published to disseminate and promote the progress and outcomes of the INCASS project. If you wish, view it in your browser.

Inspection Capabilities for Enhanced Ship Safety

The EU funded project called INCASS - INspection CApabilities for Enhanced Ship Safety - offers a solution for more efficient monitoring and ship inspections. Especially nowadays, with the introduction and building of a big number of new ships, their monitoring and inspection from both regulatory bodies and Classification Societies has become more and more difficult in order to obtain the optimum inspection results and eliminating the hazards posed by high-risk and sub-standard ships. The objective of INCASS project is to make life both of inspection bodies and ship owners/operators easier and present solution for more faster, flexible and effective ship inspection regime based on innovative use of robotic platforms.
Project Deliverables

The INCASS project aims at providing the following innovative deliverables:

- Risk-based framework for ship structures and machinery inspection
- Condition Based maintenance assessment and scheduling
- Central automated database for ship structures and machinery
- Structural and machinery Decision Support platform
- Practical Guidelines freely available to the maritime community for inspection and risk management

Project Coordinator

UNIVERSITY OF STRATHCLYDE
Dr. Iraklis Lazakis
iraklis.lazakis@strath.ac.uk

Project Duration


Project Partners

LLOYD’S REGISTER
RINA SERVICES
DFKI
UIB
GLAFCONS MARINE
BUREAU VERITAS
AES
TSI
SHIPCON LIMASSOL
DANAOS SHIPPING
AP&A LTD
Project Work Packages

The INCASS project has eight work packages (WP). In upcoming newsletters we will introduce to you each one of them in detail, however in the second newsletter we want to give you an overview of all of them:

- WP1 - Management & Coordination
- WP2 - Intelligent Monitoring Systems
- WP3 - Structural Modelling & Analysis
- WP4 - Machinery & Equipment Modelling & Analysis
- WP5 - Database Development & Implementation
- WP6 - Testing & Technical Audit
- WP7 - Case Studies
- WP8 - Exploitation & Dissemination

Project Progress

INCASS is currently in the 5th month of its 3 years duration. The second technical meeting was organised by TSI in Madrid on 18 & 19 of February. The 3rd INCASS Technical meeting has been scheduled to take place at Danaos headquarters in Piraeus, Greece on 5 & 6 June 2014 in order to coincide with the Posidonia Exhibition.

Task 2.1 "Technological tools and components for the conduction of automated or supported survey activities" has been initiated, discussed in Madrid and linked to WP3 and its deliverables, among others also to completed deliverable 3.1 "Structural life cycle management" focused on consolidation of the Rispect system developed as an Inspection Planning Tool for the shipping industry.

Leader of WP4 - Lloyd’s Register EMEA finalised the deliverable 4.1 "Machinery and equipment requirement specification", in order to specify the machinery and equipment system requirements on board the three ship types to be considered within the INCASS project (i.e. tanker, bulk carrier, container ship).

1st INCASS Newsletter has been distributed in December 2013. The number of people subscribed for newsletter and as potential end users rise up to 720. INCASS LinkedIn account was registered in November 2013, 432 people and organisations have been connected ever since. WEBSITE of the project was created in December 2013. First drafts of Exploitation and Dissemination plans as well as first working version of the State-of-the-art on current practices document have been created.

This project has received research funding from the European Union. It reflects only the author’s views and European Union is not liable for any use that may be made of the information contained therein.