



Danaos Research Centre

March 2016

Abstract: With this monthly report we intend to inform our colleagues for Dr.C involvement in academia, EU private and national, applied and bona fide research. It is strongly recommended the research results, novelties and gained knowledge to be demonstrated, disseminated and exploited for enrichment of maritime services, innovation and products portfolios as well as to be materialized for shipping continuous improvement. Partners are welcomed for any further brainstorming. Danaos Research activities during March are epigrammatically presented below. Activities concern participation in meetings and conferences, published papers, financial issues, proposals and projects in progress issues. The valuable cooperation of f N. Koutlis, G. Augoustis, F. Oikonomou, T Papoutsoglou, C. Emmanouilidis and S. Arkoulis should be hereby underlined and is highly appreciated.

T. Varelas – S.Archontaki



Events

INCASS: 8th Technical Meeting PARIS (BV)

2-3 March 2016:



T. Papoutsoglou et all | Paris | BV

T. Papoutsoglou went through the work performed since the previous INCASS technical Meeting in Palma de Mallorca for the ongoing tasks T5.6 “Ship-Shore Communications” and T5.7 “Central Stochastic Database” as well as the interface development between Danaos1 and INCASS platforms. Deliverables have been uploaded in Danaos project Cloud.

SEAHORSE 8TH Technical meeting ISTANBUL

7-9 March 2016



Varelas, F.Oikonomou, Prof. O.Turan

Varelas & F. Oikonomou presented safety resilience assessment, SEAHORSE virtual platform implemented tools for crew assessment and the applied SMART methodology in evaluation of proposed controls. Related modules have been uploaded in SEAHORSE project place. Resilience engineering and multi-level RMLA (respond, monitor, learn and anticipate) abilities multi-level assessment methodology was presented. The meeting was hosted by Technical University of Istanbul

Ecompliance AB (Advisory board meeting Teddington UK

29-31 March 2016



F. Oikonomou presented the Rule compliance back-end system as well as the ship-port integration to advisory board. Pathways for dissemination were discussed. E-certificates and rule based document creation were presented also. Meeting was hosted by BMT at Leinsbury resort UK. Presentations and deliverables will be uploaded on project website

<http://www.e-compliance-project.eu/results.aspx>

Conferences & papers



15 March 2016

Within the content of MESA project a paper has been submitted and accepted to be presented in the most important transportation conference : TRA2016 Conference /18-21 April / Warsaw, Poland

Time: 18/Apr/2016: 4:45pm-6:00pm · Location: London A+B

PaperAcceptPOSTER

E-Maritime for automating legacy shipping practices

Anthony Morrall¹, Jenny Rainbird¹, Takis Katsoulakos², Koliouisis Ioannis², Varelas Takis³

¹BMT Group Limited,; ²Inlecom Systems; ³Danaos Shipping Company Ltd



21 March 2016

Within the content of SEAHORSE project a paper has been submitted and accepted to be presented in 5th International Symposium: Athens 9-11 June 2016

Minimizing subjectivity noise at SEA (Seafarers' Axiology)

Archontaki –Varelas - Livadioti



30 March 2016

Within the content of Ecompliance project a paper has been submitted and accepted to be presented in 8th International Conference "MARITIME TRANSPORT AND INFRASTRUCTURE – 2016 | Riga, April 21-22, 2016"

E-complied Safety Management System (SMS)

D Theodosiou- T.Varelas – S.Archontaki – F. Oikonomou



30 March 2016

Within the content of Ecompliance project a paper has been submitted and accepted to be presented in 7th International conference on Maritime transport | Barcelona 27-29 June 2016

DIGITAL MARITIME REGULATIONS: APPLICATIONS TO SHIPS AND PORTS

M.Hagaseth, A.Ruiz, F.Oikonomou P.Lohrmann, D.Roythorne, S.Rayot

Projects

Some projects have been successfully finalized (AMINESS, MARIBRAIN, ECOMARINE), a new project was granted and several others proposals have been submitted or are in preparation stage for submission



After one year finally the 11.5 M€ , 48 months HOLISHIP (**HOListic optimisation of SHIP design and operation for life cycle**) project was evaluated with the highest score (14/15) and granted among thousands to be funded. Estimated start time: July 2016. Danaos is mainly involved in LCCA development (life cycle cost assessment working package).

Submitted proposals are:

SmarT Adaptive and sensing Light metallic and composite materials for Waterborne Transport (STALWART)

8.5M€/ 48 M

Intelligent Vessel and Equipment design concepts for Safer waterborne Transport (INVEST)

5.0 M€/ 42 M

Safety on maritime transportation in extreme conditions (SMART)

6.5 M€/36 M

Engineering, production and life-cycle management for massive application of FIBRE-based materials in large-length SHIPs (FIBRESHIP)

9.0 M€/36 M

Proposals in preparation are:

TEG-SHIP & RoboticShift (ROBOTIC Ship Inspection Future Technologies) and in compilation mode another three proposals based on previous projects (Cleansea, ALMA and SPICE).

ERASMUS NAFTIS: NAval Firefighting TrainIng System

1.0 M€/26 M

Our estimation is to have during this year an additional granted fund on about 1.5 M€

April Schedule:

Participation in RIGA, WARSAW workshops and proposals finalization.

At the end of April a DRC cloud will be delivered where models, papers and deliverables are going to be published