

Danish Society for Naval Architecture and Marine Engineering Foundation and IDA Maritime Conference

Date: **Monday 23 October 2017 at 16:00 – 19:30 (Refreshments at 18:00 – 18:30)**

Place: **Ingeniørhuset, Kalvebod Brygge 31-33, DK-1780 Copenhagen V**

Event number: **323459**

Recent Projects funded by The Danish Maritime Fund

The Danish Maritime Fund (DDMF) has funded grants to many exciting, innovative and successful maritime projects over the past decade. The Fund's objective is to offer financial support to initiatives that can serve to develop the Danish maritime industry.

Tonight's program provides an update on the current focus areas of the DDMF, as well as presentations of several successfully recently completed and ongoing projects which have received valuable support from the DDMF.

16:00 – 16:10	<p>Welcome and Introduction <i>Alexander Bjørn Kleiman, Chairman, IDA Maritim</i></p>
16:10 – 16:25	<p>The Danish Maritime Fund – An Introduction and Update <i>Carsten Melchior, Head of Secretariat</i></p> <p>The Danish Maritime Fund provides financial support to initiatives and undertakings, which serve to develop and promote Danish shipping- and shipbuilding industries. The Fund was established in 2005, and has since its founding supported over 639 projects in The Blue Denmark. The total amount exceeding kr. 540 million.</p> <p>An update on the new focus areas for the Fund will be presented.</p>
16:25 – 17:10	<p>IDA Maritim project - Analysis of the Consequences of the new IMO Intact Stability Requirements (DDMF Project "2016-054") <i>Carsten Schrøter, Senior Naval Architect, Knud E. Hansen A/S</i></p> <p>A new Intact Stability Code, the so-called Second Generation of Intact Stability Criteria (SGISC), is currently under development and validation by the International Maritime Organization (IMO). These criteria comprise five failure modes: Pure loss of stability, parametric roll, dead ship, excessive acceleration and surfripping/ broaching.</p> <p>Over the past 12-months, IDA Maritime's Stability focus group has undertaken a study of the impact and consequences of the IMO's SGISC. A series of 17 existing vessels were evaluated and calculations carried out using the full matrix of operational draughts, trims and GM values. Each failure mode criterion was examined individually regarding construction of a GM limit curve for the full range of operational draughts.</p> <p>The consistency of the outcomes have been analyzed, and finally examined whether the new criteria tend to be more or less conservative compared to the present rules by evaluating approved loading conditions.</p> <p>The results were submitted to IMO and presented at the SDC 4 meeting in London earlier this year. The findings were discussed and are now a valuable contribution to the evaluation of the SGISC, before the final formulation and possible implementation. The results of the study will be presented along with its conclusions.</p>

<p>17:10 - 18:00</p>	<p>Maritime DTU and Projects Funded by the Danish Maritime Fund <i>Mette Sanne Hansen, Center Leader, Maritime DTU</i></p> <p>Maritime DTU is a Center at the Danish Technical University coordinating all maritime activities across the University's Institutes, within the areas of research, education, innovation and research based public sector consultancy.</p> <p>At the same time, the Centre acts as DTU's contact to the maritime industry in the Blue Denmark, as well as with other leading Universities within the maritime field, both with regards to education and to research. DTU Maritim maintain the current maritime educational activities and continuously create and develop attractive educations and courses across DTU.</p> <p>The Danish Maritime Fund generously provides financial support for a variety of different maritime projects at DTU. These projects are carried out by various different departments across DTU, and coordinated by Maritime DTU.</p> <p>The Center Maritime DTU as well as several projects financed by the DDMF will be presented this evening.</p>
<p>18:00 - 18:30</p>	<p>Refreshments</p>
<p>18:30 – 18:45</p>	<p>Green Ship of the Future 2.0: Update from the Secretariat <i>Anne Katrine Bjerregaard, Head of Secretariat</i></p> <p>Over the past 2 years, Green Ship of the Future has explored the road to greener shipping through different paths. This has resulted in both traditional design projects and new projects types that deal with the green opportunity space in new technology. Why are these projects important and what's next?</p>
<p>18:45 – 19:20</p>	<p>Green Ship of the Future: The Regional ECOFeeder <i>Christian Wengel Frost, Naval Architecture Dept, Odense Maritime Technology A/S</i></p> <p>Together with partners in the Green Ship of the Future alliance, OMT has developed the Regional ECOFeeder that provides an immediate reduction of CO2 by 30% compared to the average feeder fleet.</p> <p>The ambition has been to develop a feeder vessel that can be built today, and this design shows that a large portion of the necessary emission reductions from shipping can be obtained by simply applying already available technology.</p> <p>The goal of the Regional ECOFeeder design is to achieve low emissions per container slot and to provide the basic functionality of a container carrier in the simplest and most compact way.</p>
<p>19:20 – 19:30</p>	<p>Discussion and Closure <i>Alexander Bjørn Kleiman, IDA Maritim</i></p>

Participation is free but registration is required. Registration is done via www.ida.dk. Remember that you have to log on to IDA's website before you can register and you need to sign up as a member. If you are not already registered – just click "ny bruger" and follow the guideline. If you experience any problems registering, call IDA at phone: +45 3318 4848 between 10:00 and 14:00.