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**THE ROYAL INSTITUTION OF NAVAL ARCHITECTS
LONDON BRANCH**

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WEDNESDAY, 18 MAY 2022

**Development of a 3D-calculation method for the lashing
calculation of container stacks stowed on board seagoing ships**

by

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REGISTER:

https://us02web.zoom.us/meeting/register/tZYudemtqD0pHd3CUA-P6ZnKVtzk6Ro6_hWW

At 17:55 for 18:00 hours (duration approximately 1 hour) UK Time.

The first container lashing calculation methods were developed around 1980 and the analytical approach has been used for almost four decades.

However, since about 2010 the design of container lashing systems and the increase of size of vessels more often required a more sophisticated calculation approach.

Classification society DNV developed a non-linear 3D-finite element calculation approach which for the first-time accounts for the single container as a 3D-super-element.

The presentation will explain the reasoning, idea and result of the development and will show how it has been implemented in DNV's StowLash3D-software.