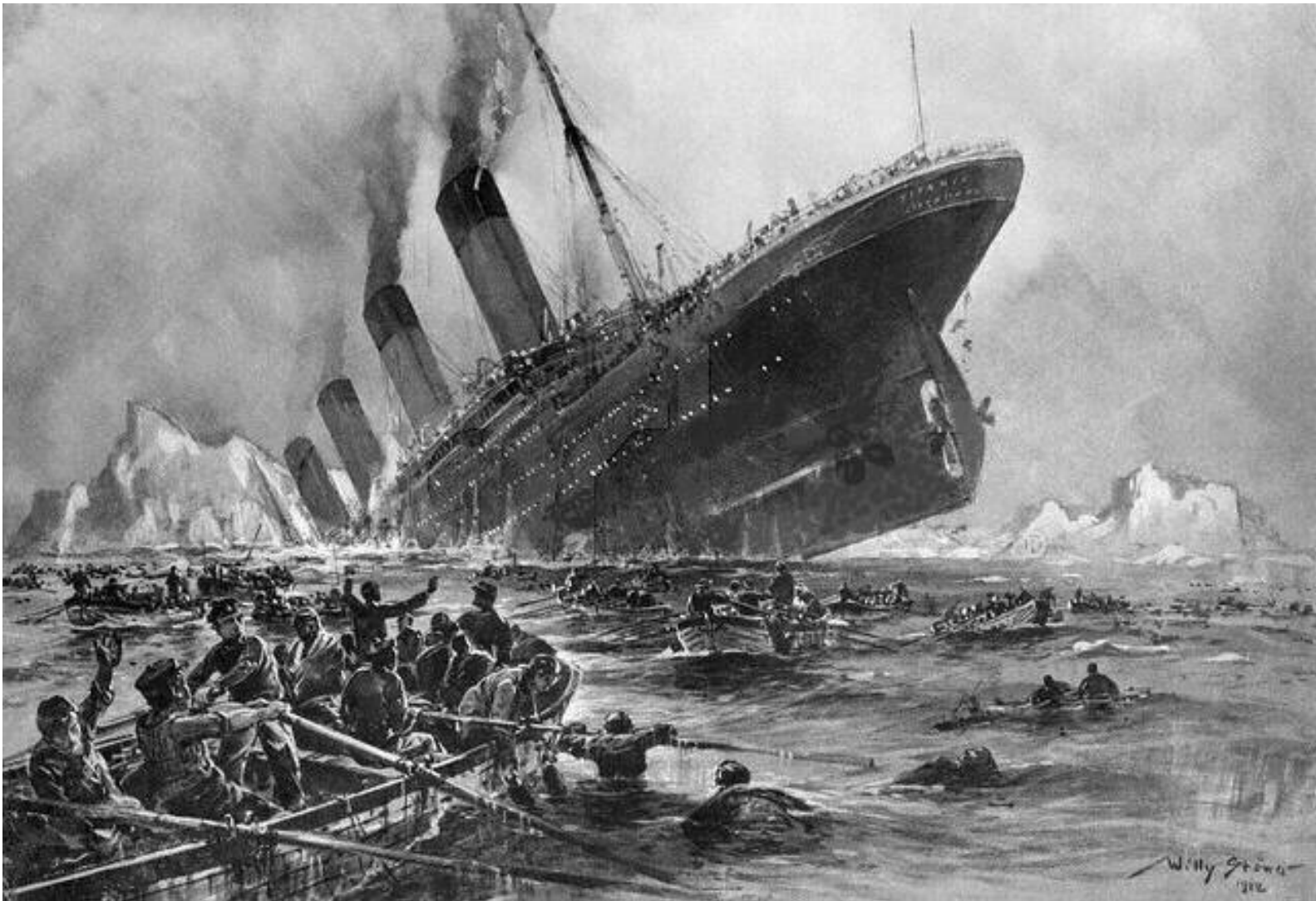




# **SAFECRAFTS**

## **Safe Abandoning of Ships**

### **Final Project Workshop**



**26<sup>th</sup> May 2009, London, IMO**

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## **Preamble**

Safety of passenger ferries and cruise liners is of prime importance for the maritime passenger transport. Abandonment of the vessel in a distress is one of the key measures for mitigation of risk to life. Legislation requires that 'life saving appliances' must be capable of being launched with their full complement of persons and equipment within 30 minutes from the order to abandon ship.

Verification of this requirement or training for it is in most of real conditions virtually impossible. Neither is it possible to readily consider alternative means of ship abandonment.

The SAFECRAFT project undertook the development of an assessment procedure for ship abandonment systems. Alternative prototype designs have been proposed, assessed theoretically and tested physically.

## **The Consortium**

The SAFECRAFT consortium comprises the following organisations:

*TNO Building and Construction Research*  
*British Maritime Technology*  
*Ship Design and Research Center*  
*Maritime Research Institute Netherlands*  
*SIREHNA*  
*Ustica Lines Spa*  
*Lisnave Estaleiros Navais*  
*Fr. Fassmer*  
*Viking Life Saving Equipment*  
*Bureau Veritas*  
*RINAVE – Registro Internacional Naval*  
*BALance Technology Consulting*  
*Gdansk University of Technology*  
*Istituto Superior Tecnico*  
*University of Strathclyde, The Ship Stability Research Center*  
*Holland America Line Westours*  
*Flensburger Schiffbau-Gesellschaft*  
*Carnival Plc*

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# PROGRAMME

Venue: IMO, 26<sup>th</sup> May 2009

Chair: *Alex Vredeveltdt, TNO*

## **0830 – 09:00 Registration**

09:00 – 09:15 – Opening Address,

*Mrs Dominique Ramaekers Jorgensen, EC officer to be confirmed*

*Mrs Dr Ingrid Schipperen, SAFECRAFT coordinator*

09:15 – 09:45 – Elements of the process of abandonment: existing and novel systems,

*Ole Andersen, Viking*

*Thomas Boekholt, Fassmer to be confirmed*

09:45 – 10:15 – Quantitative assessment of human factors and training for efficient, abandonment

*Dr Jelte Bos, TNO*

## **10:15 – 10:30 – Coffee Break**

10:30 – 11:00 – Numerical assessment of performance of rescue craft

*Mrs Dr Ingrid Schipperen, TNO*

11:00 – 11:30 – Numerical simulation of clearing-away and recovery manoeuvres of life saving craft, *Dr Joo Nyun Kang, SSRC*

11:30 – 12:00 – Mechanical simulation of lifeboat launching

*J.J.Maisonneuve, SIREHNA*

12:00 – 12:30 – A proposal of performance based methodology for the approval of novel life saving appliances and arrangements by Flag State administrations

*Philippe Corrigan, BV*

## **12:30 – 13:30 – Lunch**

13:30 – 14:00 – Existing rescue systems – model test

*Sebastian Bielicki, CTO*

14:00 – 14:30 – New rescue systems – model tests

*Dr Jan Blok, MARIN*

14:30 – 15:00 – New rescue systems – full scale physical experiments

*Alex Vredeveltdt, TNO*

15:00 – 15:30 – IMO view

*MSC representative on LSA*

*to be confirmed*

## **15:30 – 16:00 – Coffee Break**

16:00 – 17:00 – Closing Discussions



### **Further Information**

Yasmine Hifi, + 44 (0) 141 330 2648, [yasmine.hifi@strath.ac.uk](mailto:yasmine.hifi@strath.ac.uk)

### **Registration**

There is no registration fee for students enrolled at universities and public research institutions.

For researchers employed at universities and public research institutions the registration fee is **75 EURO**. This covers hand-outs, coffee and lunch.

For all other participants the registration fee is **150 EURO**.

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