

More than noise and glass

Hamburg,
17th November 2008

„noise debate“: Fehrmann and Germanischer Lloyd (GL) discuss a new measuring system for superyacht windows at Global Superyacht Forum 2008 in Amsterdam

Hamburg. The glass surfaces on passenger ships are getting increasingly larger. But more glass implies more noise. The mechanical vibrations produced by shipboard sources of noise, such as the main engine and propellers, are introduced into the steel structure propagate throughout the entire ship as structure-borne noise. The sound is then radiated into the rooms and cabins as air-borne noise.

At the Global Superyacht Forum 2008 in Amsterdam, experts of Fehrmann and Germanischer Lloyd will discuss solutions and innovative procedures to minimize the noise radiation of windows aboard. A newly developed computation procedure helps to predict for a known scenario of structure-borne noise the level of sound radiation into the surrounding steel structure by the window system, even before the glass is produced.

Challenges accompanied by the structure-borne noise, advantages of the new procedure and how it works will be explained in the panel discussion “noise debate”.

Date and Time:
Global Superyacht Forum, Amsterdam
„noise debate“
20th November 2008
12.30 pm

Your dialogue partners are

Henning Fehrmann, Managing Shareholder Fehrmann Metallverarbeitung GmbH,
Jürgen Jokat, Head of Department Acoustics, GL
Dr. Christof Weißenborn, Department Acoustics, GL



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DGzRS:

Single supplier and manufacturer of ship windows of German Maritime Search and Rescue Service (DGzRS)