

# Diesel Customer Information Kunden Information



## SOLAS: Retrofit of Insulations Engine type: 32/40, 40/54, 48/60 and 58/64

Cus 211 • 03/05

### Reason

As from 1. July 2003, all engines with an output of over 375 kW have to be retrofitted with insulations according to the SOLAS convention. This insulation must, in the long term, comply with the legal requirements of the SOLAS Chapter II provisions with regard to insulation effect, resistance to inflammability and fluid density.

We have reason to inform you that most of the insulation materials available on the market today do not comply reliably with the above-mentioned demands.

Therefore such subsequently fitted insulation does not, or not permanently, fulfil the legal requirements, in particular, the SOLAS guidelines, with regard to **insulating effect**, resistance to **inflammability** and **fluid liquid sealing**. Should this be the case, a certain safety risk may exist.

### Attention

We would therefore expressly point out that a SOLAS compliant retrofit of our engines requires the exclusive utilisation of original MAN B&W retrofit solutions.

Based on their special design, these insulations assure compliance with the legal SOLAS requirements.

### Additional information

In order to ensure the suitability of the insulation supplied by us, we carefully examined engine insulation after an operating time of 6 276 hours. The result of this examination proved that there were neither abrasive spots nor spots soaked with fluid (see the attached photos).

We would be pleased to submit an offer for the retrofitting of the insulation to you.

Examples



Figure 1: Indicator pipe with insulation. Satisfactory condition after 6 276 operating hours on a 14V 48/60 engine



Figure 2: Covering cap cut open for evaluation of the insulation material condition (6 276 operating hours)

- No abrasive spots
- Not soaked with fluid
- Resistance to flammability due to the materials used

**Contact**

Should you have any questions, please do not hesitate to contact our Technical Service Department which is always at your disposal:

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**Please forward this information to your technical operating personnel**