

Shop Approval



Approval No: **KBZ 1115 HH 1**

For the production of **Synthetic Stern Tube Bearings**

the company **ACM Bearings Ltd.
Rotherham S63 6EX
United Kingdom**

has applied for the Shop Approval. On the basis of the results of checks regarding the company's production facilities and the qualification of the personnel in charge the above mentioned company is approved within the scope as follows:

Designation **LNF**

Description **Fibre-reinforced plastic incorporating solid lubricants**

Normative Reference
Rules for Classification and Construction
I – Ship Technology
Part 1 – Seagoing Ships, Chapter 2, Section 4, D.5.2
II – Material and Welding Technology
Part 2 – Non-metallic Materials, Chapter 1, Section 1,D

Remarks **None**

The approval consists of this document and a one-page annex.

This Shop Approval is valid until 2012-12-31.

Hamburg, 2009-12-28

Germanischer Lloyd


Sven Koller


Guido Michalek

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ANNEX

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Reference

Technical specifications deposited at Germanischer Lloyd Head Office.

Assessed Documents

- Test Report issued by University of Sheffield, dated February 2009
- LNF Marine Engineering Manual

Lubrication

Water

Operational Limits

Permissible surface pressure:
0,6 MPa for a h/d ratio of 2:1

Dimensions

According to GL approved drawings

Limitations

Any significant changes in design and/or quality of the material will render the approval invalid.

End of Annex

Germanischer Lloyd

GL