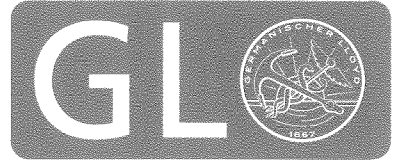


Approval of Material Manufacturers  
*Zulassung von Werkstoffherstellern*



This is to certify that the works of  
*Hiermit wird bescheinigt, dass die Firma*

**TEIGNBRIDGE PROPELLERS LTD.  
GREAT WESTERN WAY, FORDE ROAD  
BRUNEL INDUSTRIAL ESTATE  
NEWTON ABBOT  
DEVON TQ12 4AW  
GREAT BRITAIN**

has been subjected to an approval test in accordance with the Society's Rules with satisfactory results and is approved for the manufacture of the following products:

*einer Zulassungsprüfung nach den Vorschriften des Germanischen Lloyd unterzogen wurde und für die Herstellung folgender Erzeugnisse zugelassen ist:*

**Cast copper alloy propeller and propeller parts in  
grade CU3 in accordance with the GL- Rules for Metallic Materials,  
II, Part I, Chapter 5, Section 1.**

This approval is granted provided that all products intended to be used for the construction of ships or installations classed with Germanischer Lloyd comply in every respect with the Society's Rules and Requirements.

*Die Zulassung erfolgt unter der Voraussetzung, dass alle Erzeugnisse, die zum Bau von Schiffen und Anlagen mit Klasse des Germanischen Lloyd bestimmt sind, die Vorschriften des Germanischen Lloyd in jeder Hinsicht erfüllen.*

Certificate of approval No.  
*Zulassungsbescheinigung Nr.*

WZ 175 HH 2

This Certificate is valid until:  
*Diese Bescheinigung ist gültig bis:*

2011-03-31

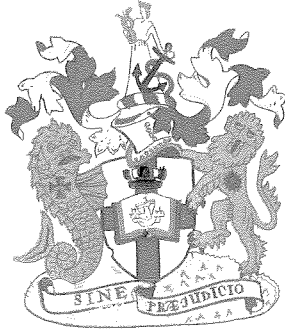
Part of the approval is our letter of approval ref. no. 011054-08 of 2008-02-12.  
*Bestandteil der Zulassung ist das Zulassungsanschreiben, Tgb.-Nr. 011054-08 vom 2008-02-12.*

Hamburg, 2008-02-12

**Germanischer Lloyd**

Michael Kühnel

Uwe Pohle



Certificate No : MD00/3849/0001/7a

**TEIGNBRIDGE PROPELLERS INTERNATIONAL LTD.**  
Great western Way, Forde Road  
Newton Abbot, Devon  
TQ12 4AW  
United Kingdom

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for :-

**Copper Alloy Castings for Propellers in grades Cu1, Cu3 and Cu4**  
( maximum weight 1.5 tonnes )

**Heat treatment is not covered in the scope of approval**  
**Welding repair is not permitted**

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.

**Valid Until : 21 May 2013**  
**Date of issue : 19 October 2010**

**Lili Hou**  
Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register Group



# AMERICAN BUREAU OF SHIPPING

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|                  |  |                    |                    |
|------------------|--|--------------------|--------------------|
| Customer Name    | TEIGNBRIDGE PROPELLERS INTERNATIONAL LIMITED | Purchase Order No. | Ref. Paul Endacott |
| Attending Office | Bristol                                      | Report Number      | BI1827945          |
| First Visit Date | 29-Apr-2010                                  | Last Visit Date    | 06-May-2010        |

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**Certification Of:** Fixed Pitch Propulsion System Quantity: One (1)  
Manufacturer: TEIGNBRIDGE PROPELLERS INTERNATIONAL LIMITED

**Survey Location :** Newton Abbot. UK

**Equipment Data**

Item Name Propeller Casting and Manufacture

**This is to Certify** that the undersigned surveyor(s) to this Bureau did, at the request of the customer, carry out the following survey and report as follows:

THE UNDERSIGNED AT THE REQUEST OF ABS MATERIALS, LONDON, DID ATTEND THE PREMISES OF TEIGNBRIDGE PROPELLERS INTERNATIONAL OF GREAT WESTERN WAY, FORDE ROAD, NEWTON ABBOT, TQ12 4AW, ON 29TH APRIL AND SUBSEQUENTLY IN ORDER TO VERIFY ANY CHANGES IN THE FOUNDRY PROCEDURES AND CARRY OUT A PLANT SURVEY, FOLLOWING THE FORMING OF A NEW COMPANY, TEIGNBRIDGE PROPELLERS INTERNATIONAL FROM DUNCAN PROPELLERS AND TEIGNBRIDGE PROPELLERS.

THE COMPANY MANUFACTURE PROPELLERS, STERN TUBES, RUDDERS, P AND A BRACKETS FOR THE MARINE INDUSTRY.

THE FOUNDRY, MACHINE AND TEST WORKSHOPS WERE INSPECTED AND PLANT PROCEDURES CHECKED. DURING THE INSPECTION IT WAS NOTED THAT A NEW 1000KG FURNACE HAS BEEN FITTED GIVING THE COMBINED CASTING CAPACITY OF 3000KG.

A NEW 16 TONNE SAND HOPPER WAS INSTALLED NEXT TO THE ORIGINAL 8 TONNE HOPPER.

TRACABILTY AND RECORDS OF CALIBRATION FOR FURNACE EQUIPMENT WERE REVIEWED AND CONSIDERED SATISFACTORY.

APPROVAL FOR PROPELLERS AND OTHER EQUIPMENT WILL BE OBTAINED AS REQUIRED AND MANUFACTURE/CASTING CARRIED OUT AS PER ABS RULE REQUIREMENTS.

THE ADDITIONAL OF A S100 CNC LATHE WHICH CAN MACHINE PROPELLERS UP TO 2.5M/98.5" IN DIAMETER WAS NOTED.

A COMPLETE LIST OF EQUIPMENT IS ATTACHED WITH THIS REPORT, AND FOLLOWING APPROVAL FROM ABS MATERIALS , LONDON, A NEW FOUNDRY CERTIFICATE WITH THE NEW NAME AND ADDRESS TO BE ISSUED.

NOTE: This report evidences that the survey reported herein was carried out in compliance with one or more of the Rules, guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Report is a representation only that the vessel, structure, item or material equipment, machinery or any other item covered by this Report has been examined for compliance with, or has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping. The validity, applicability and interpretation of this report is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Report or in any notation made in the contemplation of this Report shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

|                  |  |                    |                    |
|------------------|--|--------------------|--------------------|
| Customer Name    | TEIGNBRIDGE PROPELLERS INTERNATIONAL LIMITED | Purchase Order No. | Ref. Paul Endacott |
| Attending Office | Bristol                                      | Report Number      | BI1827945          |
| First Visit Date | 29-Apr-2010                                  | Last Visit Date    | 06-May-2010        |

**Surveyor(s) to The American Bureau of Shipping  
Attending Surveyors**

Young Richard P.

Electronically Signed on 06-May-2010

**Reviewed By**  
Milburn, Michael J.



Electronically Signed on 07-May-2010, Newcastle-on-Tyne Port



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