Certificate No: LR21321918REP
Issue Date: 01/08/2021
Expiry Date: 31/07/2024

Repair Certificate

Manufacturer	**Dong's Iron Plating Co., Ltd. of Dalian Maritime University**
Address	No. 1 Linhai Road, Dalian City, 116000, China
Approval	Iron Plating
Scope of Approval	**The Refurbishment of Crankshafts and Straight Shafts using the Dong's Iron Plating (Electroplating) without Etching process, in accordance with Enterprise Standard DS 2005**
Applicability	**This approval is subject to:-** **The Owners agreement.** **Electroplating (plating) is not used as a means of making good any deficiency in strength.** **Each application for electroplating/plating crankshafts is to be approved by Lloyd's Register Global Technology Centre, Southampton.** **Crankshaft refurbishment restricted to a maximum pin size of 330 mm.** **Final machined finish to be in accordance with the designer's requirements in respect of tolerances and surface finish.** **Electroplating/plating operations are undertaken by trained operators to the Surveyors satisfaction.**

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APPROVED

Clive Arnold

Lead Metallurgist: Metallurgical Assurance to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Previous Lloyd's Register reference no. Rep. 037.

This certificate is issued to the above manufacturer and is valid until the specified expiry date.

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