Certificate No: LR25435585ANCH
Issue Date: 25/09/2025
Expiry Date: 22/12/2030

Certificate Of General Approval Of An Anchor Design

This certificate is issued to company named below to certify that the undernoted anchor design has been examined in accordance with the relevant Classification Rules and has been granted General Approval.

Manufacturer	**Hiroshima Metal and Machinery Co., Ltd.**
Address	1-2-43, Hiro-Shiratake, Kure-Shi, Hiroshima, 737-0144, Japan
Anchor Name	Stockless JIS F3301-B type
Anchor Type	High Holding Power
Representative Drawing	HP
Mass Range	135 Kg - 24750 Kg
Proportions	**A/C**: 1.62 **B/C**: 0.79 **D/C**: 0.29 **E/C**: 0.12 **F/C**: 0.16
Approval Documentation	Applic'n for Approval of Mfg Process of HHP Anchors -Reference no: ONOL000724 -Stockless Anchor PAGES 10,11 and 12 LR Approved 26 Sept 2000. For certificate renewal: DAD SST 3286664 Design Appraisal Document UKITSO/HULL/40985666. HHP TESTS WAIVED BASED UPON SIMILARITY WITH ONOMOCHI AC 14 HHP
Application	Individual anchors constructed in accordance with this approval will be accepted for sizes in the stated mass range for use on vessels classed with Lloyd's Register subject to the relevant requirements of the Rules. Individual anchors to be proof tested and all materials to be in accordance with the 'Rules for the Manufacture, Testing and Certification of Materials' in force at the time of manufacture.

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Colin Clifford-Smith

Ship Structure - Principal Specialist to Lloyd's Register EMEA
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