Certificate No: LR21214768TA
Issue Date: 17/05/2021
Expiry Date: 16/05/2026

# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

| | |
|---|---|
| **Manufacturer** | **China National Shipbuilding Equipment & Materials (East China) Co., Ltd.** |
| **Address** | No.829 Chengyin Road, Baoshan District, Shanghai, China |
| **Place of Production** | China National Shipbuilding Equipment & Materials (East China) Co., Ltd.<br>No.829 Chengyin Road, Baoshan District, Shanghai, China |
| **Type** | Chain Stopper |
| **Description** | Emergency Towing Arrangement & Single Point Mooring Equipment |
| **Trade Name** | Remove |
| **Application** | For SPM:<br>Appropriate for tankers greater than 150,000 DWT<br>For emergency towing arrangement:<br>Appropriate for tankers of greater than 50,000 DWT |
| **Specified Standard** | IMO Resolution MSC 35(63)<br>Lloyd's Register's Rules and Regulations for the Classification of Ships, July 2020 |
| **Ratings** | Chain Stopper 76 Safe Work Load (SWL): 350T(SPM) /204T(ETA)<br>Fairlead B600 Safe Work Load (SWL): 350T(SPM) /204T(ETA) |

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**Wen Liang Yang**

Senior Specialist to Lloyd's Register
Classification Society (China) Co Ltd
A member of the Lloyd's Register group

19th Floor, 550 Yan An dong Road, Shanghai,
Huangpu District, China

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**Other Conditions**

Where the product is intended to be installed onboard ship classed with Lloyd's Register (LR), the following conditions should be followed.
1. Emergency Towing system / Single Point Mooring equipment is to be installed on board the ship to the attending Surveyor's satisfaction.
2. This approval relates to the Emergency Towing system / Single Point Mooring equipment only.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Classification Society (China) Co Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR21214768TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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