Certificate No: LR21412668TA
Issue Date: 29/08/2021
Expiry Date: 28/08/2026

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	**Jiangsu Xingyang Marine Equipment Making Co., Ltd**
Address	Xinhe Village, Jiangyan Economic, Development Zone, Taizhou, 225500, China
Place of Production	Jiangsu Xingyang Marine Equipment Making Co., Ltd Northern side of West Huaihai Road, Jiangyan Economic Development Zone, Taizhou, 225500, China
Type	Emergency Towing Systems
Description	Emergency Towing Arrangement, Escorting Pull-Back System and Single Point Mooring System
Trade Name	YT1000-F and YT1000-A YT2000-F and YT2000-A
Application	For emergency towing arrangement YT1000-F and YT1000-A Appropriate for tankers of 20000 tonnes DWT and over but less than 50000DWT YT2000-F and YT2000-A Appropriate for tankers of 50000 tonnes DWT and over For escort pull-back system: YT2000-A with bollard and chock Appropriate for tankers of over 50000 tonnes DWT and over For single point mooring: YT1000-F and YT2000-F

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Tony Han

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

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Appropriate for tankers of 100000 tonnes DWT or less

Specified Standard

IMO Resolution MSC 35(63)
Oil Companies International Marine Forum (OCIMF) Recommendations for Equipment Employed in the Bow Mooring of Conventional Tankers at Single Point Moorings (Fourth Edition May 2007)
Oil Companies International Marine Forum (OCIMF) Recommendations for Ships' Fittings for Use with Tugs (First Edition 2002)
Lloyd's Register's Rules and Regulations for the Classification of Ships, July 2021

Ratings

Safe Work Load (SWL):

For emergency towing arrangement:
YT1000-F and YT1000-A: 1,000 kN(102tonnes-f)
YT2000-F and YT2000-A: 2,000kN(204tonnes-f)

For escort pull-back system:
YT2000-A with bollard and chock: 200 tonnes-f

For single point mooring:
YT1000-F and YT2000-F: 200 tonnes-f

Other Conditions

where intended to be installed in a ship classed or intended to be classed with Lloyd's Register (LR), the following conditions are applicable:

1) Pennant, chaffing chains and their associated fittings should be manufactured and tested in accordance with the requirements of Part2, Chapter 10 of the Rules and Regulations for the Classification of Ships

2) Emergency Towing systems and single point moorings are to be installed on

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board the ship to the attending surveyor's satisfaction.

3)This approval relates to the emergency towing arrangement and single point moorings only. Attachment to the ship structure should comply with the requirements of the Rules and Regulations for the Classification of Ships.

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.

Previous Version: LR16/80081(E3)

The Design Appraisal Document LR21412668TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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