Certificate No: LR21412695TA
Issue Date: 13/02/2022
Expiry Date: 12/02/2027

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
Trade Name	YT1000-A and YT2000-F
Application	For emergency towing arrangement YT1000-A: Appropriate for tankers of 20000tonnes DWT and over but less than 50000 tonnes DWT YT2000-F Appropriate for tankers of 50000 tonnes DWT and over For escort pull-back system YT1000-A: Appropriate for tankers of 20000 tonnes DWT and over but less than 50000 tonnes DWT For single point mooring:

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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

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

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YT2000-F
Appropriatefor tankers of 100000 tonnes 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)
Lloyd's Register's Rules and Regulations for the Classification of Ships, July 2021

Ratings

Safe Work Load (SWL):

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

For escort pull-back system
YT1000-A: 1,000kN(102 tonnes-f)

For single point mooring:
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 board the ship to the attending surveyor's satisfaction.

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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: LR17/80004

The Design Appraisal Document LR21412695TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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