Certificate No: LR26445527TA
Issue Date: 29/08/2026
Expiry Date: 28/08/2031

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	No.9, JIANGYAN AVENUE, SANSHUI STREET, JIANGYAN DISTRICT, Taizhou, 225500, China
Place of Production	Jiangsu Xingyang Marine Equipment Making Co., Ltd No. 21, Xingsheng Road, Northern Side of West Huaihai Road, Jiangyan Economic Development Zone, Taizhou, Jiangsu Province, 225500, China
Type	Emergency Towing Systems
Description	Emergency Towing Arrangement, Escorting Pull-Back System and Single Point Mooring
Trade Name	YT1000-F, YT1000-A, YT2000-F, YT2000-A, YT2000-A-C. Bollard, YT2000-A-C. Chock, YT2500-F, YT2500-F-001 Chain Stopper, YT3500-F, YT3500-F-010 Chain Stopper
Application	**For Emergency Towing Arrangement (ETA):** **Appropriate for tankers of 20000 tonnes DWT and over but less than 50000DWT:** YT1000-F, YT1000-A **Appropriate for tankers of 50000 tonnes DWT and over:** YT2000-F, YT2000-A, YT2000-A-C. Chock, YT2500-F, YT2500-F-001 Chain Stopper, YT3500-F, YT3500-F-010 Chain Stopper

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Jayakrishnan Harikumar
Mumbai SST - Specialist to Lloyd's Register Marine and Offshore India LLP
A member of the Lloyd's Register group

Units 1702-1704, 17th Floor (Level-13), Building Q2, Aurum Q Parc; Gen 4/1 TTC, Thane-Belapur Road, Ghansoli, Navi Mumbai, 400710, India

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Appropriate for tankers:
YT2000-A-C. Bollard

For Escort pull-back system:

Appropriate for tankers of 50000 tonnes DWT and over:
YT2000-A

Appropriate for tankers:
YT2000-A-C. Bollard

For Single Point Mooring (SPM):

Appropriate for tankers of 100000 tonnes DWT or less:
YT2000-F, YT2500-F-001 Chain Stopper

Appropriate for tankers of over 150000 tonnes DWT:
YT3500-F, YT3500-F-010 Chain Stopper

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).
- LIoyd's Register's Rules and Regulations for the Classification of Ships, July 2025.

Ratings

Safe Work Load (SWL):

For Emergency Towing Arrangement:

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YT1000-F: 1,000 kN(102 tonnes-f)
YT1000-A: 1,000 kN (102tonnes-f)
YT2000-F: 2,000kN (204tonnes-f)
YT2000-A: 2,000kN (204tonnes-f)
YT2000-A-C. Bollard: 2,000 kN (204tonnes-f)
YT2000-A-C. Chock:2,000 kN (204tonnes-f)
YT2500-F-001 Chain Stopper: 2,000 kN (204tonnes-f)
YT3500-F: 2,000 kN (204tonnes-f)
YT3500-F-010 Chain Stopper: 2,000 kN (204tonnes-f)

For Escortpull-back system
YT2000-A: 1,960 kN (200 tonnes-f)
YT2000-A-C. Bollard: 2,000 kN (204tonnes-f)

For Single Point Mooring:
YT2000-F: 1,960 kN (200 tonnes-f)
YT2500-F-001 Chain Stopper: 2,450 kN (250tonnes-f)
YT3500-F: 3,430kN (350tonnes-f)
YT3500-F-010 Chain Stopper: 3,430 kN (350tonnes-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.
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.

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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 Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR21412256TA, LR21412668TA, LR21412669TA, LR21412695TA, LR22113713TA

The Design Appraisal Document LR26445527TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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