Certificate No: LR2468494TA
Issue Date: 05/06/2024
Expiry Date: 04/06/2029

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 Yangfan Ship Equipment Co.,Ltd**
Address	No.1 Tongyuan Road, Industrial Park,, Zhangqiao Town,, Taixing, 225451, China
Type	Emergency Towing Systems
Description	Emergency Towing Arrangement & Single Point Mooring Equipment
Trade Name	S1000-FORWARD ETA / SD2000-FORWARD ETA & SPM / W1000-AFT ETA / W2000-AFT ETA
Application	1.S1000-FORWARD ETA - Emergency Towing Arrangement (Bow) for tankers greater than or equal to 20,000 t, but less than 50,000 t. 2.SD2000-FORWARD ETA & SPM - Emergency Towing Arrangement (Bow) for tankers greater than or equal to 50,000 t / Single Point Mooring System (Bow) for tankers greater than 100,000 t but not greater than 150,000 t. 3.W1000-AFT ETA - Emergency Towing Arrangement (Aft) for tankers greater than or equal to 20,000 t, but less than 50,000 t. 4.W2000-AFT ETA - Emergency Towing Arrangement (Aft) for tankers greater than or equal to 50,000 t.
Specified Standard	IMO Resolution MSC 35(63) Lloyd's Register's Rule and Regulations for the Classification of Ships, July 2023
Ratings	1. S1000-FORWARD ETA-

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Yun Xi Lei

Ship Structure - Lead Specialist to Lloyd's Register Classification Society (China) Co., Ltd.

12th Floor, Chong Hing Finance Centre, No. 288 Nanjing West Road, Shanghai, 200003, China

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SafeWork Load SWL (KN): 1000
Break Load MBL (KN): 2000
2. SD2000- FORWARD ETA & SPM-
SafeWork Load SWL (KN): 2000 for ETA / 2500 for SPM
Break Load MBL (KN): 4000 for ETA / 5000 for SPM
3. W1000-AFT ETA-
SafeWork Load SWL (KN): 1000
Break Load MBL (KN): 2000
4. W2000-AFT ETA-
SafeWork Load SWL (KN): 2000
Break Load MBL (KN): 4000

Other Conditions

Where the product is intended to be installed on board ship classes 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 LR2468494TA_DAD and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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