



Certificate no.:
TAS00004RF

TYPE APPROVAL CERTIFICATE

This is to certify:

that the **Drag Embedment Fluke Anchor**

with type designation(s)
YX-6

issued to

Jiangsu Asian Star Anchor Chain Co., Ltd.
JINGJIANG, JIANGSU, China

is found to comply with

DNV-OS-E301 – Position mooring, Edition December 2024

Application:

To be used for Mobile and Long Term Mooring, as defined in DNV-OS-E301 Position Mooring Dec 2024.

Issued at **Høvik** on **2025-02-28**

This Certificate is valid until **2030-02-27**.

for **DNV**

DNV local unit: **Jiangyin**

Approval Engineer: **Pierre-Eric Moulia**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

Drag Embedment Type Anchor in size 15 ton.

Application/Limitation

The anchors are to be used in Mobile Mooring lines up to 9864 kN MBL.

The anchors are to be used for Long Term Mooring in connection with chains up to 9864 kN MBL and max Ø100 mm diameter.

Temporary mooring is not included in this type approval.

This certificate does not include any geotechnical design review to establish the maximum anchor soil resistance, which is site specific.

The anchor materials shall be manufactured and tested according to DNV-OS-B101, at works which have been approved by DNV, and delivered with EN 10.204 3.2 type material certificates.

The anchor shackle shall be manufactured according to DNV-OS-E302 July 2022.

Type Approval documentation

Tests carried out

Anchor shackles are tested separately according to DNV-OS-E302.

Fabrication of anchors shall be in accordance with DNV-OS-C401.

Marking of product

The anchors shall be marked according to DNV-OS-E301 Dec 2024, Ch3 Sec 1 §3.5.1.

Periodical assessment

For retention of this Type Approval, a DNV surveyor shall perform a periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days). The objective of the periodical assessment is to verify that the conditions for the Type Approval have not been altered. (Ref DNV-CP-0338 Type Approval Scheme).

Validity of this certificate can be checked at <https://approvalfinder.dnv.com/>



Job ID: **262.1-043483-1**
Certificate no.: **TAS00004RF**

Manufactured by:

Anchor without anchor shackle:

Jiangsu Ruishen Chemical Machinery Science Technology Co., Ltd.
23# Xin'er Road North City Park Jingjiang Economical Development Zone Jiangsu Jingjiang 214500
China

Anchor Shackle:

Jiangsu Asian Star Anchor Chain Co., Ltd.
No. 88, Meirengang Road, Dongxing Town, Jingjiang City, Jiangsu Province, 214533
China