

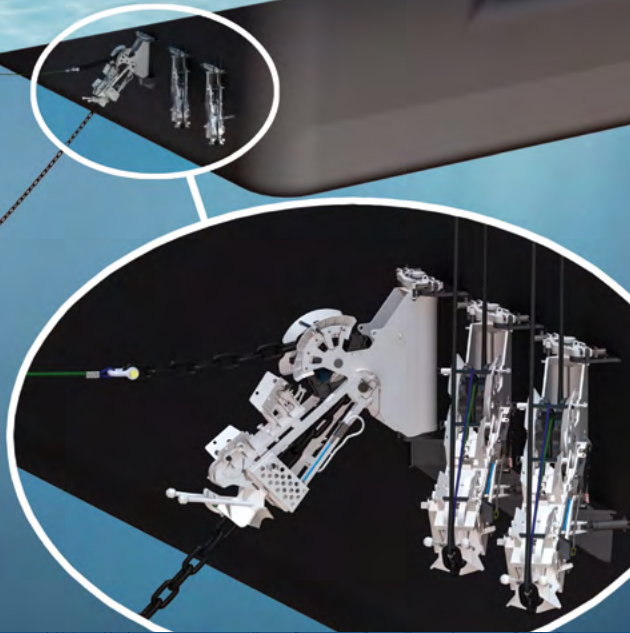


The Offshore Industry's **MOORING SOLUTION**

The Bardex® BarLatch® Fairlead Stopper
and BarMoor® Quick Connector with OVT

ADVANCEMENTS IN OFF VESSEL TENSIONING

The BarLatch® Fairlead Stopper solution for Off Vessel Tensioning (OVT) of mooring lines uses the Anchor Handling Tug Supply (AHTS) or similar vessel to apply the tension resulting in multiple benefits.



DO MORE WITH BARMOOR® QUICK CONNECTORS



Advantages include:

- Field-proven
- Reduced project risk
- Reduced installation time
- Cost effectiveness with a lightweight design
- An industrialized scale of production for mooring connectors for fast delivery
- The component parts are simple, can be produced in mass quantity and do not have highly precision machined parts, making them more reliable and less prone to fabrication defects or assembly errors.



SIMPLIFY YOUR MOORING PROJECT EVEN FURTHER WITH THE BARLINK UNI-JOINT CONNECTOR

The BarLink is a great mooring option for fixed length lines that require no pull-in capability.

Choose your dream team: couple the passive BarLink with BarLatch®, BarMoor®, or ILT units.

A simple design and lightweight construction makes the BarLink the perfect choice for commercial scale offshore wind applications where serialized production is a must-have to protect project schedule and budget.

The BarLink makes use of field proven bearing materials so you can execute your project with confidence.





WATCH OUR OVT MOORING INSTALLATION VIDEO.

I OFF VESSEL TENSIONING (OVT)

Bardex is proud to introduce you to our patented Off Vessel Tensioning Method – an innovative deployment method for our field-proven BarLatch® Fairlead Chain Stoppers. Brought together, our complete solution offers comprehensive efficiency over a traditional system – requiring less operational hardware, less maintenance, and less weight.

Bardex's invaluable operational experience, combined with lessons learned from the supply of Chain Mooring Equipment for other custom-engineered heavy lift equipment packages, **assures our clients obtain technically superior equipment designs that meet or exceed all technical requirements.**

Bardex is the world's leading supplier of Chain Mooring Equipment with more than 500 units delivered. Bardex invented the Linear Chain Jack and supplied the first Linear Chain Jack mooring system in the early 1990s.



Capex & Opex Cost-Saving System Design

Requires less operational hardware, a lighter structure, and less maintenance – with the added bonus of a smaller carbon footprint.



Shallow Water Mooring Solved

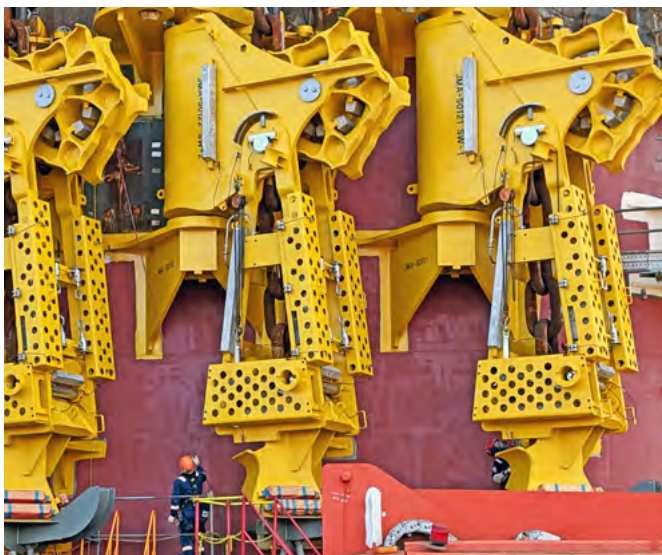
High pretensions can be achieved in shallow water conditions (75-100m) in a controlled manner that achieves the projects goals and reduces AHTS bollard pull requirements.



Bardex Unique Design Features

The full mooring spread may be pre-laid without risk of damaging the BarLatch® Fairlead Stopper since it is attached to the Floating Offshore Wind Turbine's hull and not installed as a part of the mooring line.

OVT enables Floating Offshore Wind Platforms to be quickly connected – maximizing project execution efficiency – and quickly disconnected, saving crucial time should a catastrophic event require a floater be returned to port.



THE BARLATCH® FAIRLEAD STOPPER ADVANTAGE



- Fastest deployment
- Longest lifecycle
- Lowest operational costs
- Validated & field proven
- Superior chain control during pull-in
- No impact loading on mooring line chain links
- Improved reliability
- All structures are compact and lightweight
- Fewer moving parts
- Latches cannot be released when the chain is engaged
- Easy access and serviceability

PLAN AHEAD FOR EASY DECOMMISSIONING

Difficult conversations are taking place around the globe to decide how to decommission oil and gas assets. These same conversations need to be happening for floating wind as well.

Quick mooring disconnection leads to a simple Disconnect ➡ Tow ➡ Recycle plan that can be communicated to stakeholders across industries, governments, and local communities. Planning for platform life extension and/or recycling can be further addressed by the addition of a Bardex OmniLift® Launch and Recovery System.



Bardex chain jacks now lift more than ships! Following decades of service and more than 500 units installed around the globe, our chain jacks stand ready to begin their next chapter in mission-critical heavy lifting: the OmniLift® Floater/Maintenance Vessel Launch and Recovery System.

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BARDEX®
Raising the Bar Together.