



Advantage

Second anchoring

Client:
Diverse Projects

Vessel:
56m Damen Sea Axe

Weight:
250kg / 550lb

Year:
2015

Material:
316L Stainless steel

Design
Underwater plough anchoring system

Location:
Whangarei, New Zealand

The Challenge:

Designing a second anchoring system for the stern of a vessel.

When Whangarei-based, Diverse Projects, began the extensive refit of a 56m Damen Sea Axe vessel, Advantage, they discovered they needed a second anchor system due to the class of the vessel.

The second system needed to be positioned on the stern of the vessel and height restrictions were going to prevent them from using a traditional submarine anchor system.

The Solution:

Bowmaster retracting hidden stern system and bow roller.

The timing of this refit was fortuitous for the Diverse Project team. Bowmaster had recently been in discussions with European customers facing the same challenge and were working on the designs of a Plough Anchor underwater anchoring system.

Bowmaster's engineers discussed the system concept with Diverse to see if it would be suitable for Advantage.

It was ideal and the vessel was lengthened with a new transom platform designed and built to house the stern anchor. The newly patented anchor system deploys the anchor through the hull of a vessel. The anchor is housed in a stainless steel unit with a carriage system for deployment.

Advantage, is now being used as a superyacht support vessel.