KONGSBERG MARITIME STABILISERS

For a range of commercial and naval applications

Kongsberg Maritime produce a wide range of stabilisers. The Aquarius retractable-fin stabiliser is suitable for a range of vessels including large motor yachts, smaller commercial vessels such as small cruise ships and passenger ferries, as well as naval, coastguard and fisheries protection vessels.

High performance roll damping
Kongsberg Maritime Aquarius folding fin stabilisers are designed for high performance roll damping whilst offering low weight and high reliability coupled with low maintenance.

Controls
The PLC based control system offers robust and reliable technology with simple operating interfaces and extremely comprehensive maintenance and diagnostic information through touch screens. With control positions available at the bridge, engine control room and local to the fins, the system offers considerable operational features and facilities for interfacing with other ship systems.

Main features of the control system are:
• PLC based.
• Improved local control and redundancy features.
• A compact and rugged design.
• System tested in line with EMC requirements.
• Configurable to operator’s requirements.

BENEFITS
• Greater stabiliser performance due to high lift fin design
• Low cost installation for hydraulic, mechanical and control equipment
• Ease of integration with ship’s alarm and monitoring system
• Low system weight
Sectioned view of the Aquarius stabiliser

### TECHNICAL DATA

<table>
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<tr>
<th>MODEL</th>
<th>FIN AREA (M²)</th>
<th>A</th>
<th>B MIN</th>
<th>C</th>
<th>D</th>
<th>SIZES (METRES)</th>
<th>APPROX WEIGHT / SHIP SET (TONNES)</th>
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All data subject to change without prior notice.

**Fin unit**
- Simplified crux design
- Single top bearing design
- Vertical linkage for fin tilt
- Composite fin shaft bearing
- Triple seal arrangement
- Small hull aperture

**Fin**
- One piece construction
- Tip fence

**Power unit**
- Package unit including all components for ease of installation

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