



NEWS RELEASE

For Immediate Release
August 8, 2006

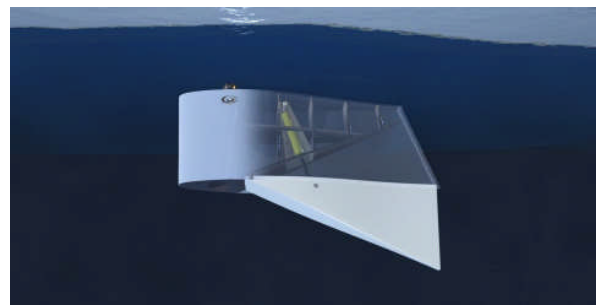
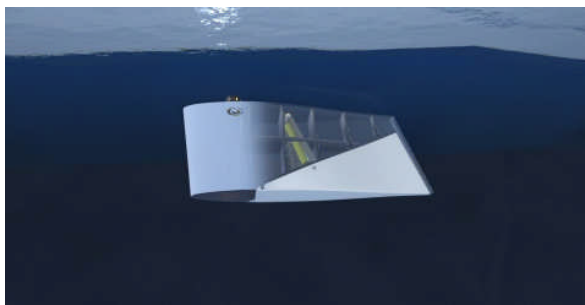
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Quantum Marine Engineering introduces extendable fin stabilizers – XT™ fin, for superyachts

Ft. Lauderdale, Florida - August 8, 2006 - Quantum Stabilizers, Inc. of Ft. Lauderdale, Florida introduces its latest innovation in Zero Speed™ system refinement. The new, patented XT™ fin series has been designed to overcome a number of challenges in fitting these dual purpose systems to larger vessels. The modern “ultra yacht” designs are calling for higher volume hull forms which are not always conducive to fitting the stabilizer fin area required for stabilizing ships at rest (zero speed). Additionally, most of these super sized vessels have designed service speeds in excess of 20 knots which dictates that appendage drag be minimized as much as possible.

The XT™ fins are designed to reduce the fin footprint by having extending foils that are only deployed for stabilizing the vessel at anchor. When the ship is underway the foils are retracted thus reducing drag while having sufficient fin area to deliver optimal roll stabilization at sea. When deployed, the XT™ fins have a vastly more efficient geometry due to the fact that the area of the foil is aft of the shaft and in the best position to deliver the force required for roll damping at anchor. An additional benefit of these XT™ fins is the ability, in some cases, to fit two fins instead of four based on the total area requirements.

In a recent model test the XT™ fins were shown to deliver a significantly higher roll reduction than previous fin designs. The results of these tests confirmed that the fin geometry allowed for a reduced total fin area without sacrificing performance.



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Quantum Marine Engineering is a privately held corporation which manufactures and installs many control products for the superyacht industry. Some of these are the ZeroSpeed™ and OnAnchor™ [yacht stabilizers](#), featuring the digital ARC controls; our powerful and quiet QT bow and stern [thrusters](#); our QIS [integrated hydraulic systems](#); and hydraulic [power packs](#).

Quantum products also include the ARCHER™ ride control system for high speed yachts- full roll, pitch, and trim control over a wide range of speeds; and the revolutionary MAGLIFT™ rotary stabilizer, for zero drag at speed and maximum stability while at anchor, drifting, or low speed travel.



Quantum Marine Engineering of Florida, Inc.- XTendable Press Release, August 8, 2006

Quantum supplies original equipment to yacht builders, new equipment to yards and refit projects, and upgrades to existing stabilizer systems. These systems provide a range of yacht roll stabilizers providing effective stabilization from *on anchor* to speeds in excess of 60 knots. They can supply custom hydraulic equipment to meet specialized requirements, and with their AutoCAD and SolidEdge capabilities they design each piece of equipment to match each vessel's characteristics and operational needs.

As of July 2006, Quantum has put into service more than one hundred and fifteen [ZeroSpeed™ and OnAnchor™ systems](#).

Hi-res images available - Additional editorial and product information may also be obtained from:

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