MJ
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In association with
15th sea WORK 2012 INTERNATIONAL



Diesel Power & Propulsion

Tugs & Towing • Deck Equipment • Vessel Repair

mapso AQUARIUS

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COVER STORY

***Ezzat* is the first member of the *Mapso Aquarius* series, based on the *Sekkina* wave piercing catamaran hull form. With a length of only 22.3m, a 25 knot speed, and GL FiFi 1 class, it is possibly the only fireboat in the world to combine FiFi 1 capability with high speed performance in such a compact craft.**

The semi-displacement hulls extend to pierce the waves and avoid generating the pitching motion typical of conventional hulls. The high tunnel avoids slamming and is fitted with a substantial wave breaking center hull. A fixed hydrofoil wing attached between the two hulls generates some 40 tons of lift at full speed, improving performance and ride. Ezzat was ordered by the Damietta Port Authority, which hosts an LNG terminal. A version of this story showing an additional photo can be seen on the *Maritime Journal* website.

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