

INDIA BOATING

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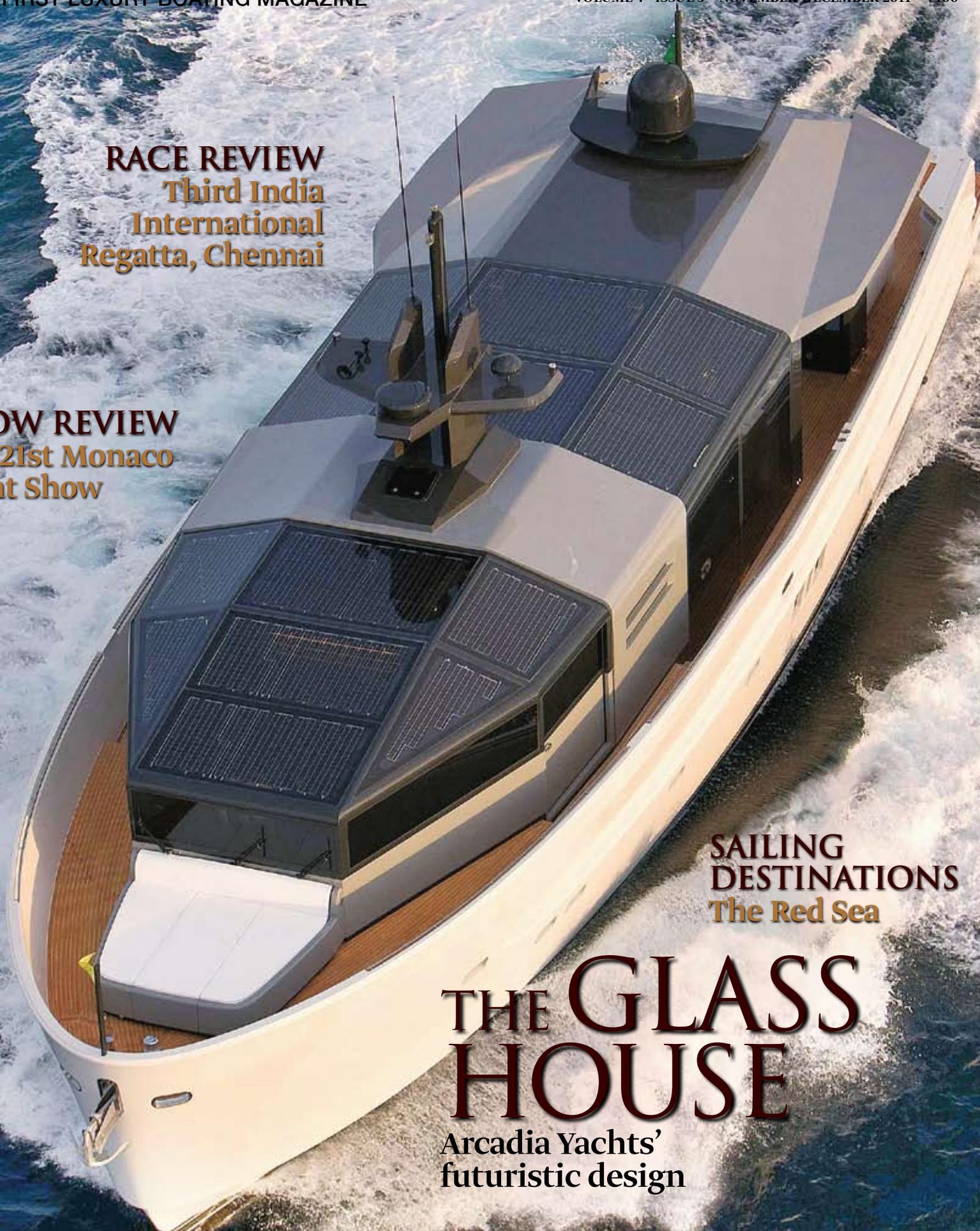
RACE REVIEW
Third India
International
Regatta, Chennai

SHOW REVIEW
The 21st Monaco
Yacht Show

SAILING
DESTINATIONS
The Red Sea

THE GLASS HOUSE

Arcadia Yachts'
futuristic design





Designed by Barracuda Yacht Design, and built at the Pendennis Shipyard in Falmouth, this 105-foot sailing yacht is finished in graphite black with matching carbon rig and cream painted superstructure. *Akalam*, launched in late 2010, is a technically advanced sailing yacht, built incorporating strong lines and a unique profile.

The state-of-the-art *Akalam*

SAILING INSTYLE

One of the most advanced, exclusive and opulent sailing yachts out there.

Text by Anosh Khumbatta
Photographs: Courtesy Lloyd Images

Feature/



The spacious master stateroom



The internal seating area

The designers at Barracuda Yacht Design have incorporated 13 windows on each side of the aluminium hull to let in light belowdecks, while the elevated pilot house with large glass areas provides great views all around.

Design and style

The expansive 60-square-metre aft deck is a result of the coamings being pushed out to almost full-beam width, to create the maximum usable space in this sociable area. Attention to detail is visible all around and the area is well-furnished, with armchairs, sofas and coffee tables creating multiple seating areas. Guests are protected from the elements by a large, fixed bimini with removable side-screens, mounted on a central arch. Interiors were designed by Javier Muñoz, who has balanced the neutral cream leather and upholstery

The stern cockpit is wide with ample seating space



with hand crafted features, in a mixture of sycamore and grey-tinted zebrano with further accents of olive and panga woods. Entertainment needs are taken care of by a large television and surround sound system. The owner wanted an interior that was fairly simple and easy to live with and not 'over-decorated' with too much ornate detail. The intention was to create an 'apartment-style' look and feel, in fact, completely unlike something that you would normally expect to find on a fairly traditional-looking hull design such as this.

Belowdecks is a lower saloon and dining area, however, this deck is dominated by the huge owner's cabin, which is much larger than you would expect to find on a yacht of this size. As a result, the two twin-berth guest cabins are adequate, but not overly

Feature/Akalam

spacious, as is the crew area. Most of the lower deck is flooded by natural light through the large hull windows.

The technology

Akalam makes use of the best materials and latest in sailing technology. With a sail area of 441 square metres, the craft can cruise at 11 knots in 20 to 25-knot winds, while she can reach 14 knots using her 610 Hp engine. Designed for ease

of handling when under sail, the yacht is equipped with a self-tacking jib and no running backstays. The design team had to overcome the technical challenge presented by the owner's request for so many windows, by focussing rig tension on an ingenious double-bottom rigid aluminium box structure, concealed well below the floor. To ensure privacy when required, a sophisticated privacy setting, using LED technology, turns the glass from

completely clear to opaque at the flick of a switch and a gas seal, similar to that used on aircraft doors, ensures complete security once inside.

Captive drum winches, concealed turning blocks and under-deck conduits for sheets and lines keep deck areas clutter-free, while, just forward of the mast, is a dedicated stowage area for the tender, launched and recovered via a boom/crane attached to the mast. A retractable dagger board can vary draft

Specifications

Length (overall)	32 m (105' 6")
Beam	7.6 m (25' 2")
Draft	3.6 m to 5.5 m (11' 10" to 18")
Displacement	115 tons (2,53,531 lbs)
Fuel cap	9,600 l (2,536 gal)
Water cap	4,500 l (1,189 gal)

Akalam comes across as a lavish sailing yacht



Walkways are wide and guardrails are high



from 3.6 metres to 5.5 metres, and ensures close sailing angles.

To further ease handling, *Akalam* is fitted with a steering system by JP3 that includes an all-carbon rudder and stock, self-tacking jib and remote control handling of lines and winches. An onboard control system by SPIN of Barcelona monitors many of the yacht's systems and functions including various parts of the rig and sail trim, tank levels, hydraulic pump monitoring etc. The system also controls the bow and stern thrusters, allowing for precise manoeuvring in tight spaces via a joystick.

With the creation of this yacht, Barracuda Yacht Design and the Pendennis yard were both able to showcase their abilities. They have created a well-built craft that feels more like a home than a boat, and is equipped to explore the seas in style. **IB**

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