Project 75

Steller Systems

RMD
Rainsford Mann Design

ANDREW WEIR
YACHT MANAGEMENT

Project 75 is the product of a unique collaboration between three leading companies, combining world-class luxury design from the yachting world, naval engineering and ship design, and a super yacht management perspective.

Steller Systems

Steller Systems is a leading naval architecture firm specialising in the design and analysis of naval vessels, and brings a fresh and unique engineering perspective to the design of super yachts.

RMD

Rainsford Mann Design

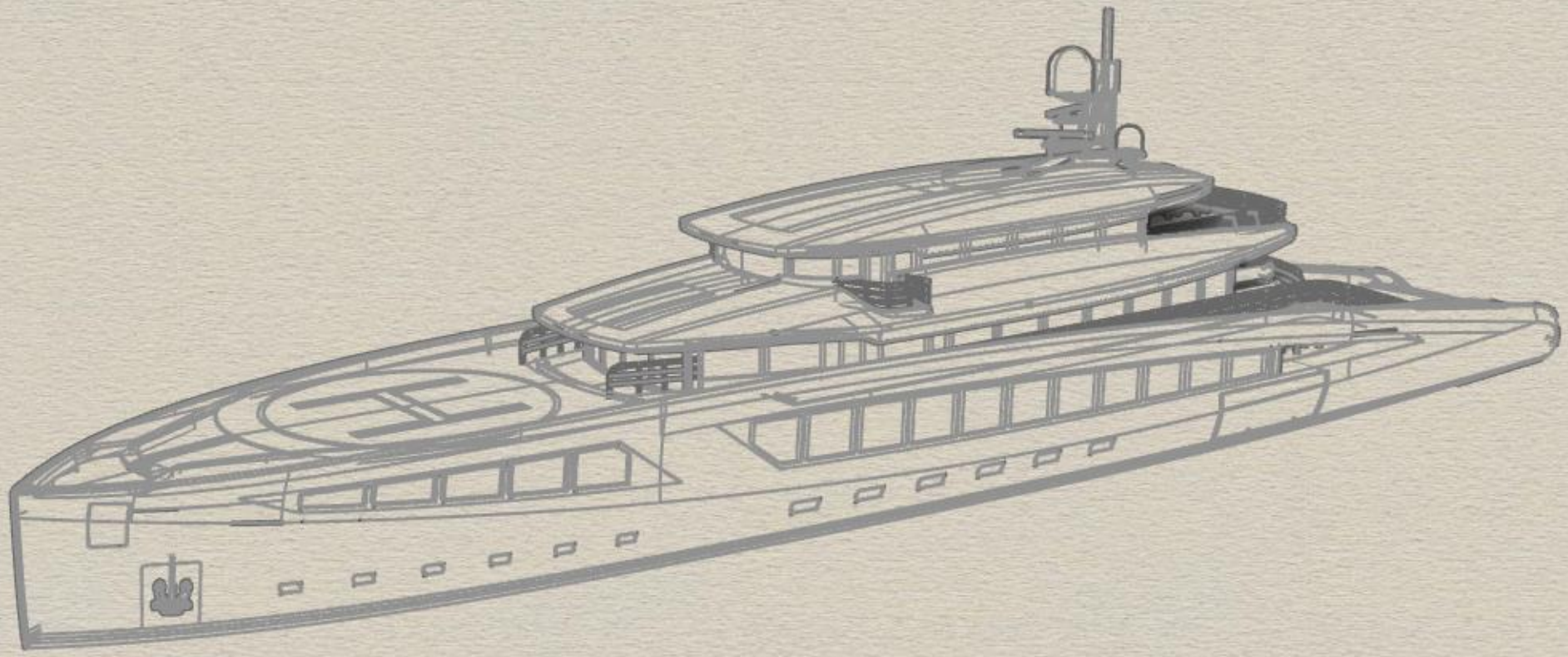
RMD Marine offers a complete service in luxury super yacht design, and is experienced in producing innovative new builds and refurbishments for super yachts worldwide.

ANDREW WEIR
YACHT MANAGEMENT

Andrew Weir Yacht Management is the world's foremost yacht and super yacht management company, and brings the maintainers' and owners' perspectives to super yacht design.

An innovative 75m luxury yacht, designed 'from the keel up' for comfort, style and environmental credentials

Project 75 combines wide open spaces, unsurpassed passenger comfort, innovative environmental features and attributes typically seen only on far larger vessels.



An elegant, timeless design

Every line of the hull flows from fore to aft, marking this out as a progressive and sleek design.

Whether arriving by air, land or sea, Project 75 is designed to provide the grandest of entrances.

Floor-to-ceiling glass windows maximise the views and floods the interior spaces with natural light.

Wide open spaces and sweeping vistas

Project 75 has been designed to provide more usable space than similar sized vessels, whilst still retaining sleek styling. The design incorporates large flexible internal spaces, wide open decks and unobstructed views.

All of the mechanical equipment has been located as far aft as possible, in order to give the prime real estate of midships back to the guests.

The superstructure rises towards the stern to offer unobstructed 360 degree views from the upper deck, as the bulwarks fade out of view.

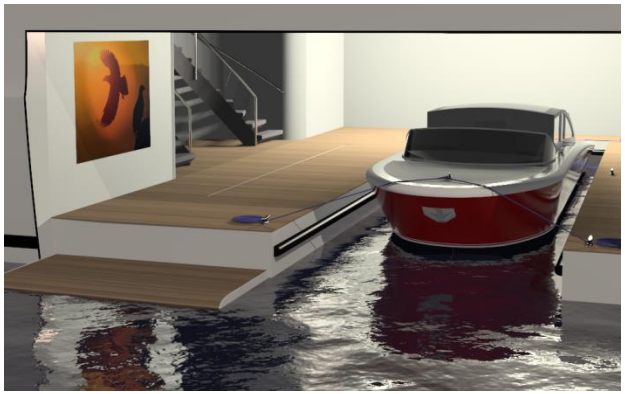
The Owners' Suite sits on the upper deck with its own private balcony. With the bed facing aft, there are spectacular, uninterrupted views in all directions.

Twin dressing rooms and bathrooms are located either side of the owners' private foyer, which is linked to the bridge and hidden crew area.

Four large double staterooms on the lower deck and two spacious VIP staterooms on the main deck provide ample space for guests.

Outstanding features reminiscent of larger vessels

Project 75 incorporates a number of design features typically only seen on larger yachts, including a grand drive-in boat bay and a helipad to provide a spectacular entrance.



A generous 280m^2 sun deck located to the aft of the vessel provides a large and inviting space for dining, relaxing, and entertaining guests.

The lower deck contains room beyond the central elevator and staterooms for a spacious gym and a luxurious spa.

The design incorporates a float-in tender dock suitable for a 10m limousine, with a sunken storage area for jet skis or other water sports equipment.

A grand spiral staircase and wet bar lead from the tender dock to the upper decks, providing a convenient and stunning entrance from the water.

A helipad, suitable for landing small to medium sized helicopters, provides direct access to the luxurious saloon deck lounge.

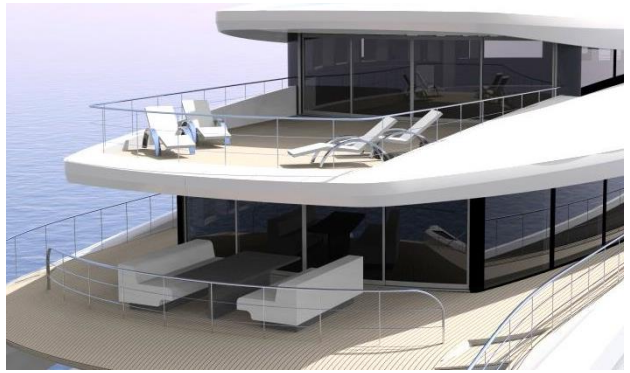
Guest comfort 'designed in' from the outset

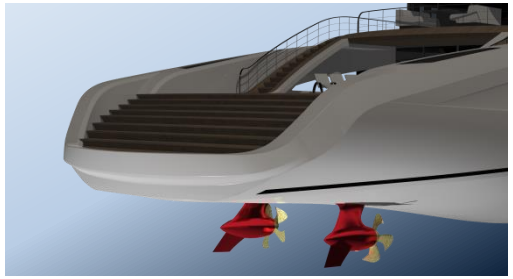
Guest comfort has been an integral design driver for *Project 75*, rather than an afterthought. Key stability analysis has been brought forward in the design process, to ensure vessel motions are minimised.

The engines are located in the extreme aft of the hull, separated from the accommodation spaces, to reduce noise and vibration for guests.

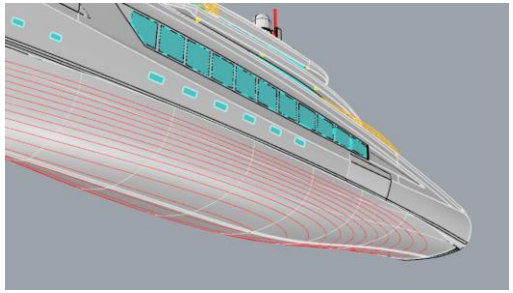
All accommodation spaces are located over the central portion of the hull, to minimise motions.

Techniques from the design of naval vessels have been used to minimise seakeeping motions for maximum guest comfort.



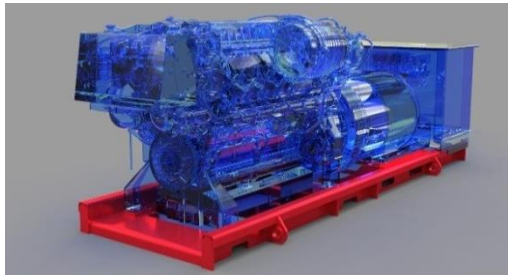


Project 75 uses lightweight Azipull propulsors and full electric drive for greater efficiency.



The highly efficient, optimised hullform provides significant fuel savings.

Double-hulled bunker fuel tanks provide enhanced environmental protection.



The main engines are IMO Tier II compliant and the gensets are IMO Tier III compliant, minimising emissions.

Unparalleled environmental credentials

A number of integral environmental features enable reduced emissions and enhanced environmental protection.

Class-leading performance

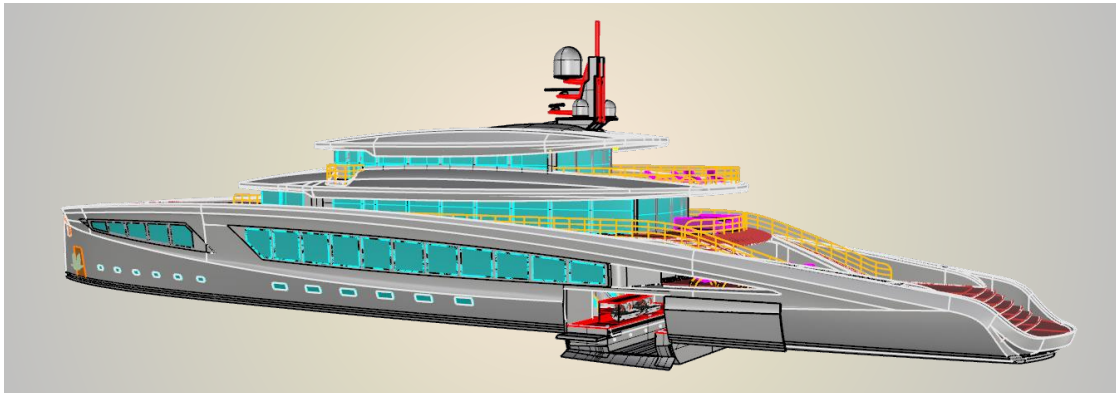
Project 75's power generation and propulsion systems have been designed to be instantly re-configurable, meaning that the system can be optimised for speed, endurance or efficiency depending on need. This uses system configurations common in the naval industry, but rarely seen up until now in commercial yachts.

Project 75 has an impressive range of 6,000 nautical miles at 15 knots in Sea State 3.

With a sprint speed of 18 knots, transit times are reduced.

Designed to minimise downtime

Our design is unique in that a leading yacht management company, *Andrew Weir Yacht Management*, has been involved in the design since its inception – ensuring that through-life costs and downtime are reduced as far as possible.



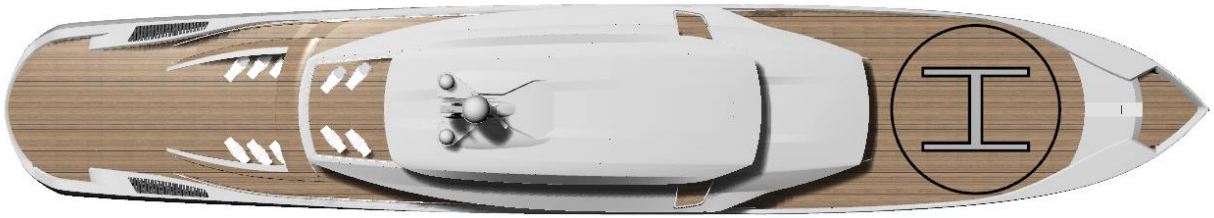
The design employs distributed systems, such as individual air conditioning units. This allows spare units to be carried on board; repairs of individual units can take place ashore whilst the vessel is still in service.

Soft patches have been incorporated into the aft sun deck, to provide easy access to the engine room for major machinery overhauls – reducing the time required for maintenance.

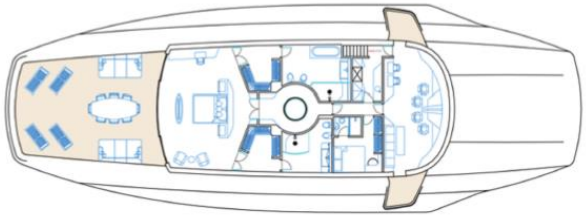
General arrangement and particulars

	Owners' suite
Accommodations	*2 x VIP staterooms*
	4 x double staterooms
Length overall	*76.4 metres*
Length waterline	*75.4 metres*
Beam overall	*13.0 metres*
Draught	*4.0 metres*
Displacement	*1,798 tonnes*

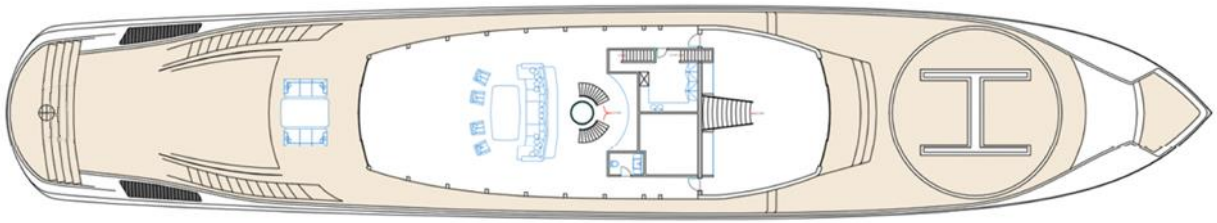
Top view



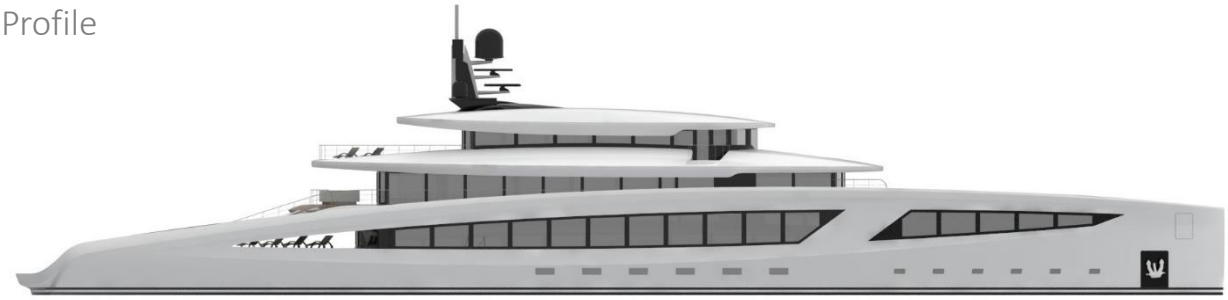
Upper deck



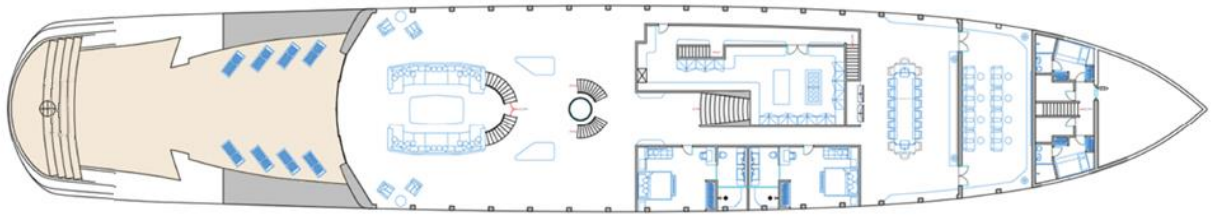
Saloon deck



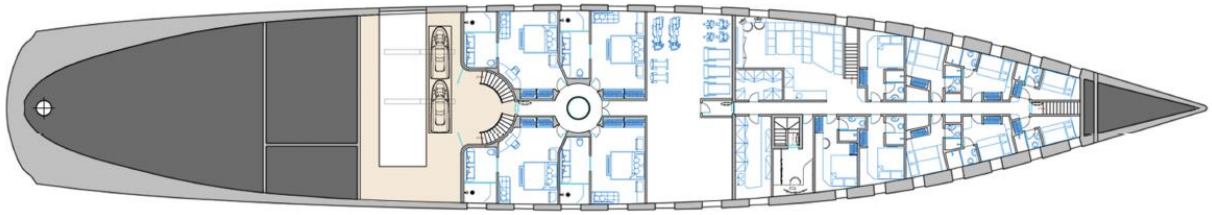
Profile



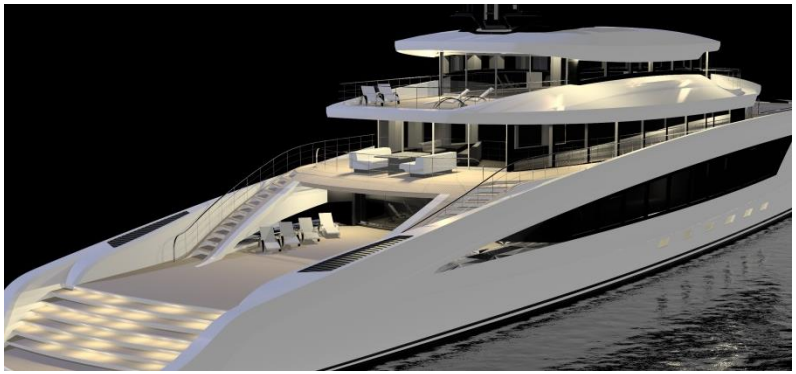
Main deck

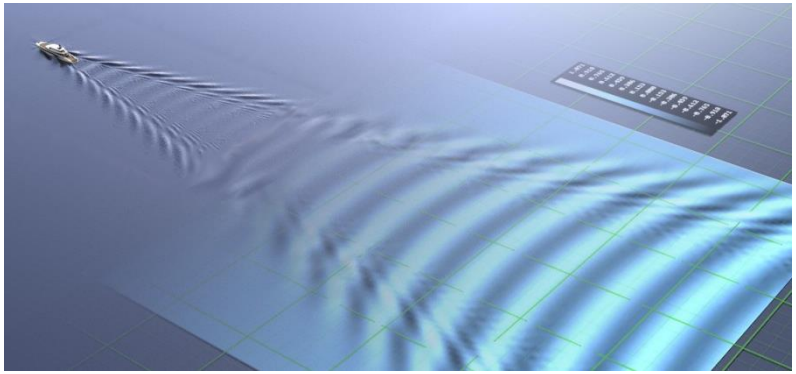


Lower deck



Hull	*Steel*
Superstructure	*Aluminium/composite*
Main engines	*2 x Caterpillar 2,000 kW each* *3 x 300 kW gensets*
Propulsors	*2 x Rolls Royce 65C Carbon Azipulls*
Sprint speed	*18 knots*
Range	*6,000 nautical miles at 15 knots*
Bunker fuel capacity	*220,000 litres*
Fresh water capacity	*60,000 litres*





Luxury design combined with advanced engineering techniques and experience of practical through-life management

Holistic design techniques have been used to develop a balanced design that combines style, seakeeping and maintainability.

The design exceeds LY03 intact and damage regulations, providing high levels of safety and assurance without sacrificing capability.

Advanced structural design techniques have been used to enable unobstructed vistas from the saloon deck.

We have used our experience of designing naval vessels to bring analysis and design techniques that are novel to the yacht industry.

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