

Super Yacht

i n d u s t r y



USA

DISTINCTIVE YACHT BUILDERS

TRUE BEAUTY FROM

Lady Linda

MISSISSIPPI DELTA

Flying Tenders

EFFECTIVE PURCHASING

Explorer Yachts

Diving Support Explorer Yacht

The Best of Two Worlds

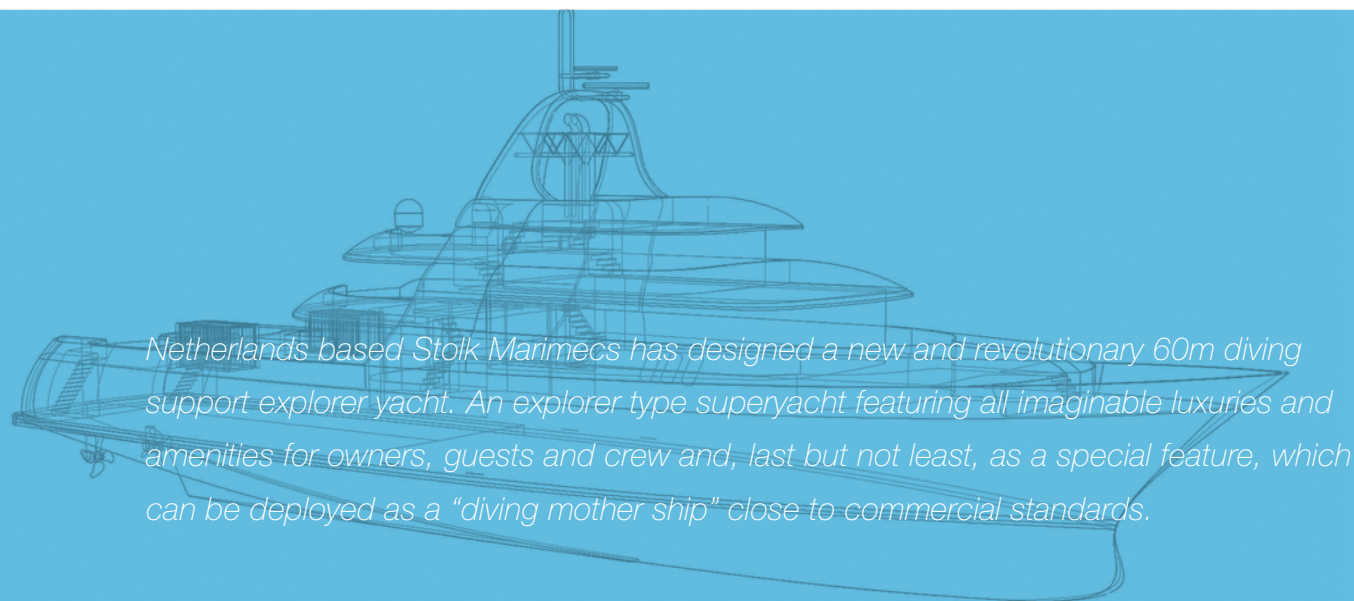


Exploring the remote areas of the globe and the underwater world is the reasoning behind this novel concept. This new approach to a luxury explorer yacht combines the reliability and efficiency of commercial shipbuilding with the fascination and freedom of diving and yachting. Based in Marknesse in the heart of the Dutch yacht building industry and highly successful for more than two decades Stolk Marimecs excels in naval architecture & marine engineering. The engineering company's backbone consists of a small but dedicated team of

professional engineers, designers and naval architects, each with vast experience in the superyacht industry. The renowned company specialises in in-house and personal project control and management services. Its main aim is to achieve optimum performance for impeccable and economically viable results.

Versatile Approach in Design

Stolk Marimecs has been successfully involved in a great number of interesting high-profile refitting and conversion



Netherlands based Stolk Marimecs has designed a new and revolutionary 60m diving support explorer yacht. An explorer type superyacht featuring all imaginable luxuries and amenities for owners, guests and crew and, last but not least, as a special feature, which can be deployed as a "diving mother ship" close to commercial standards.

projects ranging from commercial vessels to superyachts. In all these projects the company's individual abilities and experiences were joined together. For the company it is common to work on new designs, but in particular work on refit projects has always been its challenge. It is seen as a repeating opportunity to create a concept based on the discussions and exchange of thoughts with the owner in both aesthetic and technical ways. In addition to yacht building activities, Stolk Marimecs is also involved in commercial shipbuilding design. When it comes to generating new designs, the ideas and requirements of the owner are always main criteria at Stolk Marimecs; a company philosophy which automatically leads to a versatile approach in design. Stolk Marimecs' core business, however, consists of the design of large yachts, motor yachts as well as sailing yachts. The revolutionary 60m diving support explorer yacht is Stolk Marimecs latest blue print combining the best of two worlds.

Affinity

Explorer yachts are designed for the more adventurous who like to visit unspoilt beaches and offshore islands with particular emphasis on nature watching, adventure and remote regions. Time is taken to watch whales, play with dolphins and observe fish and birds in their natural environment. Stolk Marimecs' diving support explorer yacht is fast, safe and can take her owner to some of the best diving spots that the world has to offer. Besides the esthetical appearance of the vessel, she will be a yacht with extreme sea keeping capabilities, safe and comfortable at sea as well as when at anchor. The bureau has an affinity with sturdy exploration yachts and

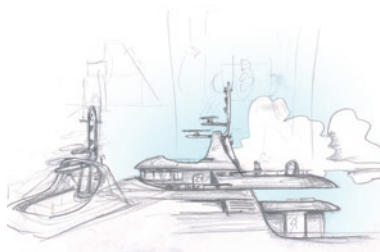
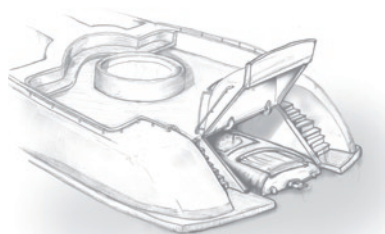
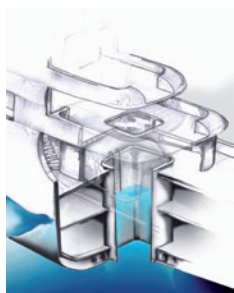
has also been involved in the design and engineering of the last year delivered 115 ft exploration yacht built by Moonen Shipyards.

Professional Diving

The new 60m diving support explorer yacht combines a luxury interior and an optimum comfort at sea with a long range, unrestricted service and heavy duty technical installations. She will give her owner a comfortable and spacious accommodation, designed with a practical view on the daily life aboard during longer cruises. What makes this yacht really special is the focus on diving adventures and operations. The explorer yacht is standard equipped with professional diving equipment for comfortable and safe diving. The equipment includes a four-person decompression tank, mixed gas systems and a personal sub from Nautilus Underwater Systems. The moon pool is a very special item on a yacht like this and enables diving from off the inboard. A diving operating centre including a gantry crane is situated in the diving shop above the pool. The moon pool can be utilised as an indoor pool when the bottom hatches are closed.

Moon Pool

The yacht features a steel hull with aluminium superstructure with four accommodation decks connected by central stairs. Most of the crew accommodation is situated on the lower deck. The tweendeck accommodates four guest cabins and a VIP cabin. The upper deck is fully dedicated to the owner. The wheelhouse is situated on the bridge deck and functions as the vessel's nerve centre. Captain's cabin and first engineer's





My Issue - Naval architecture by Stolk Marimecs

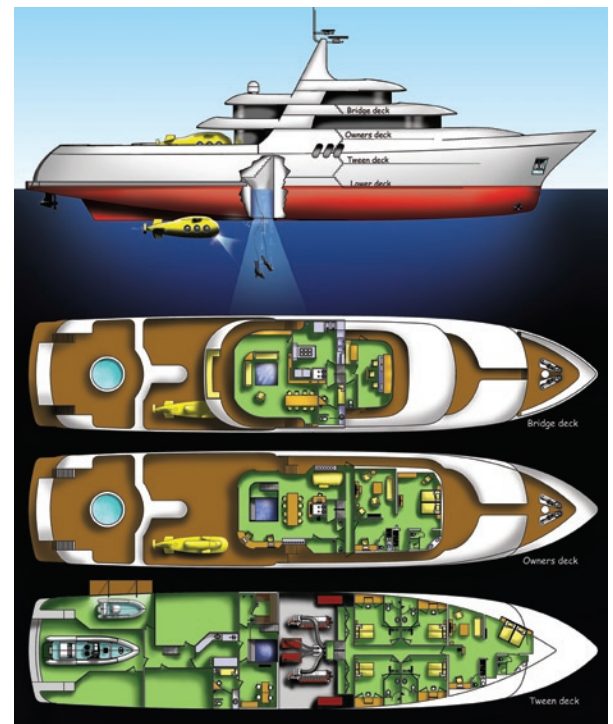
cabins are also located on the bridge deck. The design also incorporates room for a spare cabin for a diving master or helicopter pilot. The galley is closely situated to the dining room and the sun deck and features ample space for storage including cold stores and freezers. The saloon floor is partly constructed of transparent glass enabling a view on the moon pool below where a sauna is situated nearby. The lazarette has a docking bay for the tender with a side opening bathing platform. Although the aft deck can be used as an entertainment deck, the sun deck on top of the bridge is the most private sun deck. This deck has a second small Jacuzzi and outside bar and can be partly protected by a tent type bimini. A crow's nest is integrated in the futuristic arch type mast.

Silent Ship

The interior has been developed by Stolk Marimecs to visualise the rich diversity of design possibilities. Since especially the interior has to meet the taste and comfort as well as the wishes and demands of the owner this should be developed further in close cooperation with the owner and the owner's interior stylists.

Apart from the fire insulation according to Class regulations, which is an important technical item, a lot of emphasis has been put on noise and vibration control. To achieve a really silent and comfortable ship, attention has to be paid to the smallest detail in order to avoid air-, or structure-borne noise such as sound transfer between cabins, ventilation draft, and rattling of doors and loose equipment.

Below the spacious aft deck with Jacuzzi, there is a well accessible hold with ample storage for tenders, diving equipment like small subs and other leisure equipment. The dimensions of this hold are such that it is possible to store a car, a second submarine or even a small helicopter.



State-of-the-Art

The diesel electric propulsion plant featuring Azipods makes it possible to have a central, well insulated engine room and to make an optimum use of power for propulsion or domestic use. A Dynamic Positioning (DP) system can be part of the propulsion layout. If preferred a conventional propulsion system is an option as well. All the shipboard systems and installations comply with high commercial standards making the yacht fully self supporting for long endurance navigation but also very



environmental friendly. Particularly when sailing in more remote areas, the designer's philosophy is guarantee for an unconcerned and happy stay on board relying on an undoubtedly strong ship with good stability and reliable technical installations. For instance, all navigation systems, marine electronics and alarm & control systems are state-of-the-art.

Although the yacht is not classified as an ice-breaker, the fore ship has been reinforced for navigation in ice infested waters and to cope with external impact loads like floating containers. The deck equipment includes heavy anchoring equipment, a stern anchor, two deck cranes, a side platform with beam crane, a boarding platform, a passarelle and a boarding ladder. In summary, Stolk Marimecs' blueprint of a diving support explorer yacht combines the high luxury standards of a superyacht with almost all possibilities of a commercial diving mother ship. The best of two worlds.

i. www.marimecs.com



Willem Stolk: 'Combining the best of two worlds.'

Facts & Figures

Diving Support Explorer Yacht

Principal particulars	
L.o.a.	60.00 m
Beam mld.	11.80 m
Draft	3.50 m
Maximum speed	16 knots
Cruising speed	12 knots
Tank capacities	
Fuel oil (gas oil)	110,000 litres
Fresh water	30,000 litres
Lube oil	2,500 litres
Propulsion	
Type	diesel-electric/twin-Azipod
Propulsion power	2 x 2,100 kW
Bow thrusters	2 x Twin Electric
Stabilising system	zero speed stabilising system
Construction	
Hull	steel
Superstructure	aluminium
Accommodation	
Owner's suite	one 2-person cabin
VIP cabin	one 2-person cabin
Guest cabins	four 1-person cabins
Crew	12-person, plus 2
Classification	Lloyd's Register/ MCA-Cayman Islands
Navigation area	Worldwide without restriction