

# *Beothuk*

Testimony to Smart Thinking



## **BEOTHUK**

**BUILDER**  
**EXTERIOR STYLING**  
**INTERIOR DESIGN**  
**NAVAL ARCHITECTURE**

Kuipers Woudsend  
Vripack Naval Architects  
Vripack Naval Architects  
Vripack Naval Architects

*Beothuk is a triumph of technology and efficiency, nestled within a yacht of beauty and sophistication. Vripack teamed up with the Kuipers Woudsend yard and a hugely committed owner to create the first newly built superyacht that is fully equipped with LED lights which can be remotely turned on and off.*

Incredibly easy to maintain and operate, this superb explorer sets new standards for owner-user-friendliness. Beothuk also proves that first-class Dutch craftsmanship design can be perfectly combined with cutting edge integrated technologies in a yacht of 31 m. This is the second time that the Canadian owner has teamed up with Vripack and Kuipers on a yacht called Beothuk. Launched in 2002, the first project was a Doggersbank Offshore 84 that is now called Lady Yvette.

### Key Aspects

Based on his experiences with building and operating this first yacht, the owner decided in 2005 to make his new Beothuk larger and more convenient, allowing him and his captain to run and maintain her themselves. One of the key aspects of this approach was to have a spacious and seawater

cooled engine room, with all equipment completely accessible. To create this space, Vripack designed a four-times-four metre soundproof area in the centre of the yacht beneath the guest cabins to house much of the technical equipment that would otherwise have occupied real estate in the engine room. Known as the pump room, a full-size mock-up of this virtually standing height area was made in plywood. This allowed the designers and owner to figure out where best to place the watermaker, sewage treatment plant, compressors, freezers, automatic pumps and the like in order to optimise access.

### Breaking New Ground

Efficiency is the reason why Beothuk's owner chose to spare no expense or time in making his new vessel the first to be exclusively LED lighted. While this technology has been steadily growing in







importance on land, Beothuk breaks new ground in the maritime world. Over two years of research and development was required to cover every aspect of LED lights, from heat dissipation to consumption. From the floodlights on the bow to the hanging rails in the interior wardrobes, a total of over 500 LEDs are available, some 300 of which remain continuously switched on when the yacht is being used. Beothuk uses only 25% of the power of conventional bulbs, representing a huge saving on a yacht of this volume. Moreover, because LED lights generate far less heat than their halogen equivalent, the air-conditioning has to work much less hard in warmer climates. The lights on a superyacht do more than just making it easy to see in the dark. Developed in a partnership between the owner and OceanLED, Beothuk's lights are also dimmable and facilitate a pleasant atmosphere in the relaxation areas. This dimming was especially complex to achieve, and enormous effort was also expended on making the colours work well together and further contribute to Beothuk's cosy onboard ambience.

### Rugged Look

The combination of smart looks and smart thinking is also apparent in the way the designers have used stainless steel to unify the yacht's exterior and interior. From the window mullions to the towel racks, all accessories perfectly suit the sturdy but elegant design, ensuring that Beothuk is not overly classical. At the same time, the fine detailing

of inlaid stainless steel strips adds an air of refinement to many locations throughout the vessel. Beothuk is a long-range yacht designed to take her owner on explorative adventures to remote areas. This means that Vripack has ensured the stability and security that this type of trawler vessel offers and the rugged look that the owner so enjoys. Using its expertise in 3D design, the company has been very successful in blending all the features together on this three-deck boat. Every aspect and shape is in perfect proportion, making Beothuk truly the sum of all her parts.

The layout is carefully considered to ensure the most is made of every square centimetre of interior real estate and to reflect the specific uses for which



### What's in a Name?

The Beothuk were the aboriginal inhabitants of Newfoundland when European settlers first arrived. The total Beothuk population at any one time is thought by many present day archaeologists to have numbered between 500 and 1000 individuals. Following contact with the Europeans, disease, malnutrition, conflict with settlers and other native groups, and disruption of traditional Beothuk fishing sites by settlers resulted in the extinction of the Beothuk people in 1829.



the boat has been designed. Take the split-level wheelhouse and lounge on the bridge deck, for example. The decision to not have a dividing wall emphasises the fact that the owner and the captain spend so much time sharing the same space together. This area is also the central gathering point when at sea, and works especially well as the onboard guests are usually friends and family who play a role in keeping the yacht running.

### Interior Expertise

While its exterior design and naval architecture skills are renowned, the fact that Vripack also designs is less well known. This lack of awareness is sure to change now that the company has created its own dedicated bureau, the Vripack Design Studio. Yachts like Beothuk will quickly spread the word when it comes to the benefits of having an interior aesthetics designed by people who are fundamentally trained in workmanship. Because the designers are part of a team that knows what is involved in installing air conditioning ducts, water pipes and electrical wiring – engineering aspects that are frequently forgotten by interior designers – they receive the prominence they require on a Vripack boat. This has clearly been the case on Beothuk, which is immaculate in every sense. The interior style is a fascinating compound of Madrona veneer and stained cherrywood. Heated floors, rare marbles and exceptionally comfortable furniture mark the finishing touches. There is also an impressive amount of detailing, with lots of lovely carvings in half rounded angles. The overall result is an interior that manages to be both stylish and modest, the very essence of the Beothuk project.

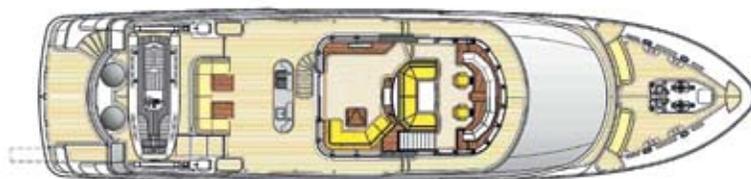
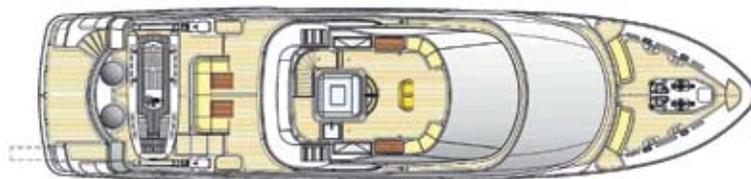


### All-Weather Views

Another fascinating place inboard Beothuk is the splendid forward dining room and bar on the main deck. This location is usually exclusively reserved for the master stateroom on large yachts but Beothuk's owner has other ideas. Experience has taught him that people enjoy being able to congregate in this part of the boat when cruising in cooler climates. To make sure they still get to see the landscape in which they travel, 270-degree windows were an integral part of the design. The dramatic views from this room – and elsewhere – remain available even when the weather takes a turn for the worse as Beothuk is fitted with four reinforced and laminated layers of glass with an airspace in-between. This avoids the need for storm shutters, and in the process frees up storage space for other items. Created by the German company Yachtglass, the windows in the dining room were especially difficult to design and manufacture as they are curved both horizontally and vertically. Another pleasant indoor relaxation area is found in the main deck lounge. Here there is a traditional games table and a full range of entertainment options, with a plasma screen that rises out of a cabinet on the port side.

### Outdoor Life Style

Every eventuality has also been catered for when it comes to al fresco relaxation onboard Beothuk. The main deck aft area can be closed off entirely to create an extension to the lounge and add another large social area regardless of the outdoor climate. But remote areas are often hot too and the bridge deck aft with its wet bar is a fine place to enjoy a drink. Serious sun worshippers will head for the sun deck, which has a large spa pool. There



are two steering locations on the sun deck, and it is easy to imagine exploring areas of dramatic natural beauty from this vantage point. The level of finish in the crew areas is equally as high as in the owner's stateroom and the double guest cabin. This again reflects the owner's convictions that everyone is working together on a yacht and his delight in sailing with family and friends. The fact that there is a washing machine and dryer in the corridor next to the master stateroom serves as an apt metaphor for the egalitarian atmosphere.

## Facts & Figures Beothuk

Length o.a	31.1 m
Beam	7.6 m
Draught	2.10 m
Displacement	230 t

### Tank capacities

Fuel capacity	45 m <sup>3</sup>
Water capacity	8 m <sup>3</sup>

### Performance

Speed max.	12 knots
Speed cruising	10 knots
Range (cruising speed)	4000 nm

### Installed Power

Engines	2 x Caterpillar C18 DITA 600hp
---------	--------------------------------

## Main Suppliers & Subcontractors

**Caterpillar** Main engines | **Creston** Entertainment systems | **Headhunter** Sewage system | **Heinen & Hopman** Air conditioning | **Hydromar** Propellers, tender launching system | **International Paint** Paint | **Northern Lights** Generators | **Novurania** Tender | **Ocean LED** Lighting systems | **Opacmare** Passarelle | **Quantum Marine** Bow thruster, stabilizers | **Radio Zeeland DMP** Monitoring system, communication/Navigation electronics | **Tyco** Fire control systems | **Village Marine** Watermakers | **Yachtglass** Windows

**i.** [www.vripack.com](http://www.vripack.com)

