



COVERSTORY

CELEBRITY FLORA

The **Celebrity Flora** was featured on the cover of the previous issue of the **Alpatron Marine Magazine**. The expedition cruise vessel is the first ship of its kind to be designed and built specifically with its destination, the **Galapagos Islands**, in mind. Shipyard **De Hoop** in **The Netherlands** designed and developed the **Celebrity Flora** in close cooperation with the client, **Celebrity Cruises**. In this edition we invite you to come on board and read a bit more about this extraordinary vessel.

The **Celebrity Flora** marks an evolutionary turning point in the approach to ship design: creating a sense of being immersed in the destination, instead of just visiting it. "It is designed to deliver a dream vacation," starts Mathieu Tomberg, Marine Engineer at the Dutch shipyard **De Hoop**. "Every space on board features an innovative outward-facing concept, so the destination is the center of attention at every turn. And, the **Celebrity Flora** offers the largest and most luxurious accommodations in the **Galapagos Islands**."

A unique project

It was not just the designing that made this a unique project for Shipyard **De Hoop**. "We have built plenty of (inland) cruise vessels, but the **Celebrity Flora** is something out of a higher segment. While the start of the build was the same as it is for all vessels, constructing steel blocks and assembling them at our yard **De Hoop Lobith** in **Gelderland**, **The Netherlands**, the finishing was

taken to a whole other level. From custom furnishing to installing the latest technology, in the all-suite cabins, but also to operate the vessel. For instance, the **Celebrity Flora** will almost never dock, creating higher requirements for balance and positioning," explains Mathieu Tomberg.

Eco-friendly technology

The **Celebrity Flora** is built with every state-of-the-art option and latest technology to make her one of the most eco-friendly and environmentally safe ships sailing on the planet. Mathieu Tomberg: "The ship has a **Dynamic Positioning System (DPS)** that enables the ship to stay on place without the use of anchors, contributing to the protection of the seabed. The **Celebrity Flora** is also fitted with solar panels on **Deck 7**. It is the first ship of this size to have them. The ship even uses reverse osmosis equipment to process sea water into fresh water that supplies 100% of the

ship's needs. And, has the highest grade water treatment installation on board, to make sure any wastewater doesn't pose a threat for the environment."

Good partner

For the bridge and the navigation and communication equipment, as well as the **DPS** and thruster control system,

shipyard **De Hoop** turned to **Alpatron Marine**. "We have been working together with **Alpatron Marine** for over 15 years," elucidates the marine engineer the choice of supplier. "The company does not only provide equipment that works and looks good, but **Alpatron Marine** is a good partner. In our world no project is the same. Standard equipment does

not always work. **Alpatron Marine** is a company that thinks along, is open to modifications and helps to deliver the best solution for the customer. For this project they also worked closely together with supplier **Navis**. Together we created a stability solution that answers not only to today's requirements, but also the standards of the future."

The **Celebrity Flora marks an evolutionary turning point in the approach to ship design: creating a sense of being immersed in the destination, in stead of just visiting it.**



CELEBRITY FLORASM FACTS

Occupancy
 Guests: 100
 Crew: 83
 Tonnage: 5,739
 Length: 333 ft | 101.5 m
 Beam: 55.7 ft | 16.9 m
 Draught: 14.7 ft | 4.48 m
 Cruise speed: 14 kts
 Inaugural date: June 2019



Pictures with courtesy of ...