



# HANSE EXPLORER



2009

## HANSE EXPLORER



**The first exploring yacht that combines expeditions and schooling with highest comfort!**

For individualists!  
For discoverers!  
For those who love the ocean!  
For those who love vessels!  
For present and future sea bears!

And especially: **FOR YOU!**

You are more than just simply a guest on board of HANSE EXPLORER,  
you are part of an idea!

**Welcome on board!**



## **We proudly present: HANSE EXPLORER**

### **A different kind of vessel visit**



The 158ft./48 m long training vessel is built under the supervision of the well-known German classification society "Germanischer Lloyd". It has the highest international safety standard for professional navigation. Certified with ice class GL-E3, the HANSE EXPLORER is able to sail on training trips all around the globe including the polar regions and the Northwest Passage. Safety and comfort rank first.

The vessel has a powerful main motor with approx. 50% power reserve. Should the main motor fail to operate, the vessel will be powered by an electric stand-by motor (400 KW) – a so-called „bring-me-home“-principle! Four generators produce a total electric power capacity of approx. 1.000 kilowatts. Two independently working air conditioning compressors provide a pleasant room temperature in tropic areas whereas in arctic and antarctic waters, there are two independent heating systems generating the necessary heat. Two autarkic fresh water systems (osmosis device/evaporator) provide sufficient fresh water on board.

There are also two independent toilet facilities (vacuum/gravity toilet). To protect the environment, we are working with a highly efficient water conditioning system that allows us to cruise even the most sensitive areas of the world.

A highly efficient „anti-rolling device“ reduces approx. 50% of the vessel's movements and ensures that it is also comfortable to stay on board during heavy sea. The bridge equipment complies with those of the modern chemical tank ships the shipping company runs as well. There are two independently working rudder devices (electro-hydraulic/manual) and three radar units: one S-band radar system (harbor-zone, near-shore zone and ice cruise) and two X-band systems, one for deep sea and coastal shipping and the other one for cadets and guests. Apart from that, there are latest up-to-date, electronic

navigational charts including secondary device in the lounge so that our guests can observe the position of the vessel any time.

## Make yourself at home

### Comfort in the true sense of the meaning!



Everybody has a different understanding of the word „luxury“ – we think it is just the pure and fantastic feeling of being alive. It is our main goal that you feel at home on board of our HANSE EXPLORER. You should not miss a single thing and enjoy a perfect, personal service.

There are no formal obligations, only wellbeing at its best. This means: Spacious cabins and common rooms like bar and restaurant with selected, exquisite interior and with comfortable materials as well as functional design in the rest of the vessel. The cabins in your “temporary home” are of course equipped with the latest technique (i. a. Satcom-device for email and fax communication) which allows you to communicate with the rest of the world even in the middle of nowhere. But luxury are also the simple things that make life comfortable and pleasant. There is for example a smoking oven so that you can smoke the salmons you caught in the far north right on the spot.

“Mi casa es tu casa” that’s what the Latin Americans say – and this is also the motto on our swimming home. You can use of everything we have on board. You will not receive an invoice for using the internet nor for the bar or sauna \*. You should simply feel in good hands and pretend the vessel would be your own one. Our promise: following a short adaptation phase, you will feel like that anyhow!



## Technical Data

### For true sea bears

These are the technical details of HANSE EXPLORER.

<b>Dimensions</b>	<b>Data</b>
Flag	Antigua & Barbuda
Total length	48,00 m
Molded beam	10,40 m
Draft	3,52 m
Displacement	850 t
Classification	GL+100 A5 E3 „Training Vessel“+ MC E3

### Capacities

Fuel	150.000 l
Fresh water	34.000 l
Crew	6 persons
Trainees	12 persons
Passengers	12 persons

### Engine performance

Speed	13,2 knots
Cruising radius	5.000 nm at 12 knots

### Construction

Hull	steel
Superstructure	steel
Wheelhouse	naval aluminum

### Main drive motors

Propeller	Mak Typ 8 M 20, 1.520 kW, 1.000 rpm, variable-pitch propeller
Bow thruster	300 kW, 34 kN

### Special features

Ice class E3 according to Germanischer Lloyd, Training facilities for 12 persons, Antirolling system, Shaft generator/Power take home device with 400 kW.

