



## 300 Pax Expedition Cruise Vessel

### General:

The vessel is designed as an Expedition Cruise Vessel for worldwide operation including Arctic and Antarctic regions for itineraries up to 21 days with 300 passengers on-board. A number of the standard cabins can, by the FlexCabin system, be transformed to suites for special luxurious voyages. The hull is ice strengthened and has a double hull in way of machinery and service spaces.

The design is based on green technology to the highest extent possible. The ship is specifically suited to operate in heavy winds, heavy seas and narrow entrances and ports. It has three main fire zones and meets the requirements of safe-return-to-port.

All public facilities are concentrated on two decks, including an observation lounge with 360 degree visibility. On top of the observation lounge a heli-deck and aircraft hanger is arranged. Passenger cabins are arranged on three decks and crew accommodation on two decks. For increased comfort fin stabilizers are fitted. A sea garage is arranged at the transom for easy launching and retrieval of watercraft. An ROV with camera equipment is installed for observation of underwater environments at a maximum depth of 3,000 m.

### Main Particulars:

Length o.a.	139.40 m
Length p.p.	120.20 m
Breadth moulded	20.50 m
Design draught	4.80 m
Deadweight at design draught	abt 1,350 t

### Capacity:

No. of passengers (max.)	300 pax
No. of cabins	150 pcs
Sea garage	10 Zodiacs and 5 water scooters

### Speed:

Service speed	18.00 kn
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### Machinery and Equipment:

Diesel electric and with two azipods	
Diesel generators for MDO	4 pcs
Emergency diesel generator for MDO	1 pcs
Bow thrusters	2 pcs
Total installed power	abt 4 x 2,760 kW

### Miscellaneous:

Classification	ABS/LRS/DNV GL/BV for passenger ships in unrestricted ocean voyages, including ice class 1A.
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### Scope of Work:

Complete Concept Design, including:  
General Arrangement  
Description

### Ref. No.:

KEH 1588.05