

# OUTLINE SPECIFICATION

# SEA CLOUD SPIRIT



The sailing cruise vessel "Sea Cloud Spirit" has a capacity for 136 passengers and 90 crew members. It has 69 cabins, 25 of which have a private balcony for passengers and 49 are for crew members.

The schooner type vessel has three masts able to unfurl sails which cover a 4.165m<sup>2</sup> surface, supported by a diesel-electric hybrid propulsion system which allows it to reach a speed of 14.2 knots complying with low emissions requirements and environmental protection.

The "Sea Cloud Spirit" represents environmentally friendly tourism at the highest level, offering its guests large areas of open-air spaces amongst its five decks, an ample sun deck, an exclusive wellness and spa area, a gymnasium with sea views and a bistro style restaurant on its main deck. Its elegant interior design combines with that of a classic yacht.

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COMMERCIAL SPECIFICATION SEA CLOUD SPIRIT

**SPECIFICATION**

<b>Builder</b>	Metalships & Docks (Spain)
<b>Year Delivered</b>	2021
<b>Build No</b>	C-299
<b>Classification</b>	<b>+100 A5 Passenger Ship / Sailing Ship, IW, HC Environmental Passport + MC AUT 24</b>

**CONSTRUCTION**

<b>Hull</b>	Normal mid steel
<b>Superstructure</b>	Aluminium alloy
<b>Deck</b>	Teak
<b>Interior Designer</b>	Partner Ship Design
<b>Ext. Designer</b>	Acubens Naval Architect
<b>Naval Architect</b>	Acubens Naval Architect

**DIMENSIONS**

<b>Length overall about (incl. bowsprit) + ext.</b>	138.0 metres
<b>Length overall</b>	125.7 metres
<b>Beam</b>	17.2 metres
<b>Max. load draught</b>	5,65 metres
<b>Max. load displacement</b>	4836 Tn approx
<b>Fuel Tanks</b>	378,000 Litres
<b>Water Tanks</b>	244,000 Litres
<b>Tonage</b>	5431 GT

**ACCOMMODATION**

<b>Category</b>	<b>Area (m2)</b>	<b>Cabins N.</b>	<b>N. Passengers</b>
<b>Owner</b>	36,2 -39 incl. balcony	3	6
<b>State rooms with balcony</b>	26-30 incl. balcony	22	44
<b>De Luxe Cabins</b>	19-20	31	62
<b>De Luxe Cabins</b>	16-19	11	22
<b>De Luxe Cabins (Junio- suite)</b>	16	2	2
<b>Total</b>		<b>69</b>	<b>136</b>

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**GENERAL INFORMATION**

<b>Space</b>	<b>Area (m2)</b>
Restaurant	276,5
Lido Lounge	229,4
Library	39
Fitness Area	44
Wellness Area and water S.P. area	134
Shop areas	51
Lido Deck aft, exterior deck	375
Sun Deck, exterior	300

**SAILS ARRANGEMENT**

Full-rigged type	
Masts	3
Total sail area	4165 m2

**DIESEL ELECTRIC PROPULSION SYSTEM**

4 x Diesel Generators of 1280 kW @ 900 rpm – MAN B&W 8L23/30H  
 2 x Electric Motors of 1700 kW – SIEMENS  
 Propulsion – 2 x FPP of 2600 mm

**AUXILLIARY MACHINERY**

<b>Water Makers</b>	3 x ROCHEM RO1530 ST03 35S
<b>Air Conditioning/heating</b>	Novenco/Teknotherm
<b>Bow Thruster</b>	1 x Jastram side thrusters BU60F of 500 kW
<b>Fuel Filtration</b>	3 x Alfa Laval centrifugal fuel separators, 1251 lt/hour each
<b>Sewage System</b>	EVAC MBR 45K N
<b>Auxiliary Boilers</b>	2 x Vitoplex 200 Sx2 of 440 kW
<b>Fire Fighting</b>	Watermist Sprinkler system in all passegnger areas

**ENTERTAINMENT SYSTEM**

The entertainment system is an Arantia TV Interactive TV/Radio System including a TV satellite antenna capable of receiving worldwide programing and a VoD server, allowing to stream on demand contents one of the world's leading providers of TV content (Swank).  
 Hospitality televisions 32" fully integrated with the system installed in all passenger cabins.  
 Installed in Lido Bar a 70" TV with Ceiling folder platform and a DJ cabin with the highest quality sound equipment.  
 Installed in Lido Lounge a 49" TV, and a projector with elevator, recessed ceiling screen and sound equipment for all the area .