

## Long Liner Fishing Vessel



### Main Dimensions Outfitting

Length	56.40 m
Width	11.50 m
Depth (creux au PP)	5 m
Power	2 x 700 kW
Speed	12 knts
Number of trainees	28
Steel hull + aluminum superstructures	

Type of vessel: *Fishing vessel – Freezer Long Liner*

Vessel Name: *Le Saint André*

Owner: *Pêche et Avenir, France*

Home Port: *St Denis de la Réunion, France*

Shipbuilder: *Chantiers PIRIOU - France*

Main engine: *Electric motors Leroy Somer 2 x 700 kW - 1500 rpm*

Gearbox: *Non Reversing Gearbox MM W20000 NR ratio 6.179/1 & PTI*

In survey: *Bureau Veritas Class, Ice 1C*

Propulsion: *Controllable Pitch Propeller MMS780 Ø 2600 mm*

Generators: *4x 625 kVA, Emergency unit: 81 kVA*



### Contact :

MASSON MARINE SAS

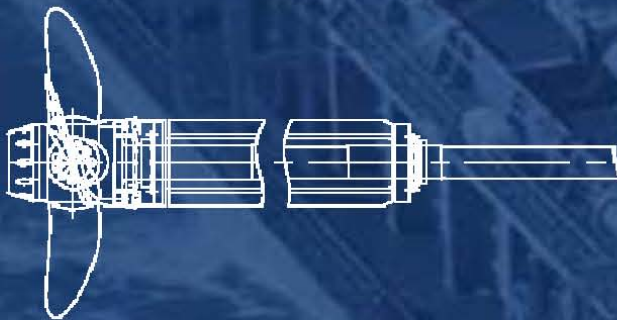
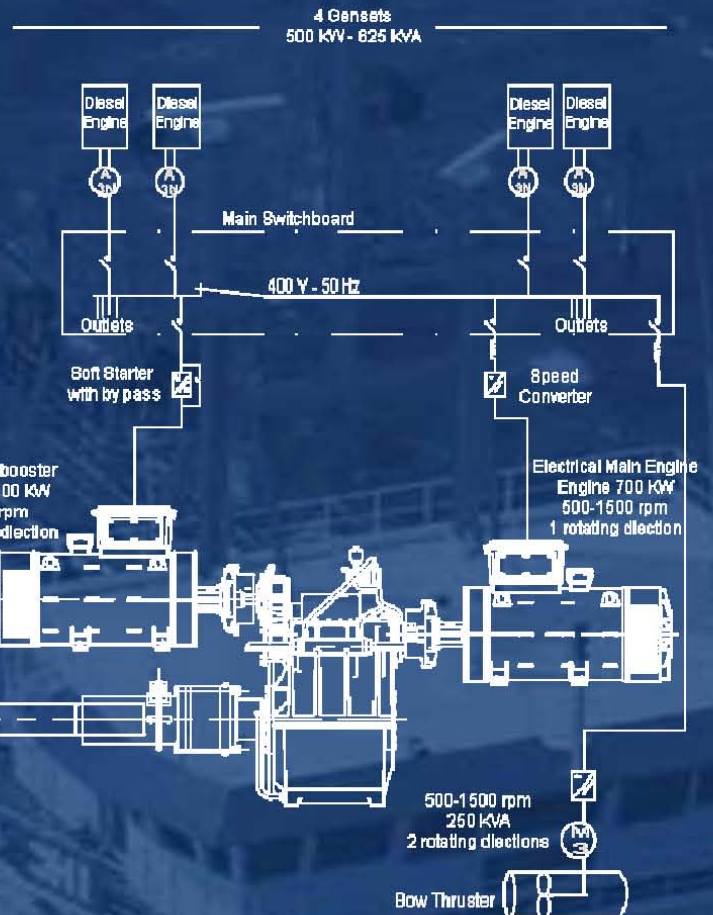
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# Diesel Electric Propulsion



## Operating principle

This type of propulsion helps to reduce fuel consumption of ships working under different duty ranges. The idea is to optimize efficiency using less energy yet achieving the same result and reducing pollution. Electric energy is usually produced by 4 diesel generator sets that are sized to meet the ship power requirement.

## Main advantages

- Safety factor is increased: 4 diesel engines instead of 1 only.
- Maintenance of the power plant is facilitated.
- Efficiency is improved: Generator sets are running at constant speed and at their nominal speed.
- 25 % Fuel Saving.
- Greener solution.