Scope of delivery:

- ✓ 2 x Water-cooled frequency converters
- ✓ 2 x Noise reduction filter
- ✓ 2 x AC Low-noise propulsion motors
- ✓ 2 x Transformers

Damen Shipyards Group

Fishery research vessel - 2016

For Damen Shipyards Group, Bakker Sliedrecht is delivering a silent electrical propulsion system for a state of the art fishery research vessel. The vessel is being built for the Angolan Ministry of Fisheries and will be used to help develop and preserve the important Angolan fishing industry.

Extremely quiet propulsion
In order for a research vessel to be successful, it has to operate extremely quietly. Therefore, this ship has to comply with the ICES 209, the international standard for silent sailing. To achieve this, two silent Indar propulsion motors in tandem configuration will be coupled directly to the thrusters. Furthermore, the brand new ABB ACS 880 water-cooled inverter modules will be used to create a frequency converter with a special filter to comply with all requirements.

The highlights of the project scope of Bakker Sliedrecht are the engineering, production, testing and plug-and-play delivery of:
• 2 Water-cooled frequency converters, including noise reduction filter
• 2 AC Low-noise propulsion motors - 1650kW and 180RPM
• 2 Transformers

Broad experience with silent electrical propulsion system
Bakker Sliedrecht is looking forward to working on this project as we have been developing silent electrical propulsion systems for over 10 years. The fishery research vessel will be built at Damen Shipyards Galati in Romania and is scheduled for delivery in 2018.

Do you have any questions?
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