

PRESS RELEASE

Gent – June 29th, 2016

Delivery of environmental friendly & hybrid Texelstroom ferry

Texelstroom, one of the world's first hybrid RoPax-ferries, has been delivered to Koninklijke N.V. Texels Eigen Stoomboot Onderneming (Royal TESO). This symmetrical ferry of the latest generation is powered by efficient, medium speed dual fuel engines of Anglo Belgian Corporation (ABC). Texelstroom will be responsible for transporting up to 1,750 passengers and 350 vehicles between the port of Den Helder and the island of Texel.

Royal TESO announced on May 8th, 2014 that it had signed an agreement with the northern Spanish shipyard LaNaval for the construction of a new ferry. More than 2 years and 600,000 man hours later the delivery of Texelstroom took place. This event marks a new era in terms of emission reduction in ferry shipping. In comparison to existing ferries, the hybrid Texelstroom combines different energy sources to reduce its environmental impact.

Anglo Belgian Corporation supplied the four main engines, including two dual fuel (CNG + diesel) generator sets that provide 2 MW each at 1000 rpm and 2 diesel generator sets that develop each 2 MW at 750 rpm. For the dual fuel engines, an air/gas mixture is injected in the cylinders, which is then compressed. A small pilot injection of diesel ensures the ignition. Natural gas (CNG) is more environmentally friendly and has as one of the main advantages that hardly any soot or sulfur dioxide is released during the combustion.

An important advantage of ABC's dual fuel engines is its very flexible fuel system which is considerably increasing efficiency. The powerful ignition makes it possible to work with different gases of low calorific value and fluctuating ignition quality. In addition, the operator has the ability, through rapid fuel conversion, to sail either on natural gas or diesel. ABC's dual fuel engines are also characterized by their fast response providing a familiar and reassuring feeling to the user.

The 135.40 meter long ferry will generally sail using its dual fuel engines every hour between 6 am and 10 pm. These dual fuel engines were fitted to have sufficient power in this tidal region for the approximately 20 minute crossing between the mainland and the largest Dutch Wadden Sea Island Texel. In normal weather conditions, Texelstroom will use only one dual fuel generating set during the majority of the crossing wherein the engine cooperates with the battery packs on board.

Redundancy was taken into account from the concept stage of the ferry. In cases of extreme urgency, the hybrid ferry will have to make the crossing from Texel to the mainland (and vice versa) at lightning speed. Therefore, two back-up diesel generating sets were also provided.

In addition to the two storage tanks for the compressed natural gas, a 700 m² solar photovoltaic panel field is also installed on the roof of the ferry. The energy is hereby stored in electric batteries with high capacity that are part of the advanced energy management system. This energy can then be used at peak times for the propulsion or electricity consumption on board of the ferry.

Cees de Waal, Director of TESO, stated: *"With Texelstroom, TESO wanted to achieve its ambition where environmental benefits, cost control and quality improvement go together. The ship embodies the latest technologies for reducing emissions. This next-generation ferry will sail our passengers in a comfortable and efficient way across the Marsdiep. With regards to the propulsion, it was very important to choose environmentally friendly and reliable engines."*

Jean-Pierre Props, Area Sales Manager at Anglo Belgian Corporation, said, *"We want to thank Royal TESO for their confidence in our engines and wish them all the best in the continued operation of the ferry service between Texel and Den Helder."*

Ends.

Anglo Belgian Corporation

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Anglo Belgian Corporation (ABC) is located in Ghent, Belgium, and is a leading European manufacturer of MDO, HFO and dual fuel medium speed engines in the power range between 600-5200 kW. The company develops and manufactures reliable and innovative medium speed engines for the energy and transport industry (propulsion engines and generating sets for marine applications and diesel- hydraulic or diesel-electric engines for locomotive traction applications). ABC also offers turnkey solutions for power stations and special projects such as floating cranes,

emergency generators for nuclear power plants and pump sets.

Over the past 100 years, the company has demonstrated market-leading expertise in developing and commercializing reliable medium speed diesel engines in an international environment, with 95 % of its products being exported. Anglo Belgian Corporation has grown substantially in the last five years in size, number of employees and product portfolio.

The customers are at the heart of ABC. The company offers an extensive range of cost-effective and customized solutions for individual requirements and organizations seeking to achieve competitive excellence and progressiveness in terms of emission reduction. Anglo Belgian Corporation provides thereby the reliability that one would expect from a reputable engine builder.