

Press release

Jeumont Electric to deliver world's largest synchronous permanent-magnet motor to the Brazilian Navy

Jeumont, France, June 19, 2015 -- Jeumont Electric announced today that it will soon deliver the world's largest, most powerful synchronous permanent-magnet motor to the Brazilian Navy. The order also includes Jeumont Electric power converter cabinets and four two-week technical training sessions.

The motor is nearly six meters long, three meters wide, and four-and-a-half meters high and weighs 72 tons – nearly two-and-a-half times the weight of the head of the Christ the Redeemer statue in Rio de Janeiro.

The equipment will be used in the Brazilian Navy's LABGENE experimental reactor project to build a complete on-land testing facility replicating the propulsion kinetics of a nuclear submarine, not including the nuclear boiler room. The motor will be installed in a life-sized hull at the Navy's Aramar technical center (CTMSP) near Sao Paulo. The purpose of the LABGENE project is to validate the propulsion technology for the Brazilian Navy's future nuclear submarine and to test it with Jeumont Electric's synchronous motor in all possible operating conditions.

"We are proud to have earned the trust of the Brazilian Navy for this project," said Daniel Marlot, who heads Marine Sales at Jeumont Electric. "We will be by the Navy's side at each stage in this project, which will have major impacts on the future of the country's military defense."

About *Jeumont Electric*

Jeumont Electric and its subsidiaries are major equipment suppliers to the electricity production and conversion markets. For more than a century, Jeumont Electric has been manufacturing electric motors and alternators for a broad range of applications. Jeumont Electric employs 650 people and has operations in Europe, Asia, the Middle East, and Latin America.

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