ECA Group awarded a contract by an Asian MOD for degaussing & UAV IT180 based magnetic ranging system

ECA Group will supply Degaussing Systems and **UAV IT180** based Magnetic Ranging Systems to an Asian Ministry of Defence through a Contract of more than 7 million euros.

The knowledge of the ship signature and efficiency of its Signature Reduction System is of prime importance to assess vulnerability against underwater mines and unfriendly detectors. To reduce the magnetic signature of Client’s vessels, ECA Group will provide and set-up degaussing systems in compliance with NATO standards.

To perform magnetic signature vessel’s measurement, ECA Group will deliver its patented portable magnetic ranging systems, called **STERNA®** based on UAV IT180 technology. **STERNA®** is the best combination of an **IT180 UAV** and an embedded magnetometer and its digitizer. To perform the mapping in a horizontal plane of the vessel, **STERNA®** overflies the vessel. Data are analyzed and degaussing parameters are computed.

This ECA Group innovation was awarded by the Innovation Trophy during Euronaval tradeshow for their patent named **STERNA®**. This patent combines the use of an UAV (for example, the UAV IT180) and a magnetic sensor carried by the drone to measure the ship’s magnetic field.

Integrating a robust industrial design and functionalities, this innovative and cost-effective solution is adapted for Navies seeking for reliable, modular and fast-deployable operational tools in order to secure the vessel and the crew.

ECA Group estimates the market for this new technological solution up to 30 M€ for the next 5 years.
The ECA Group

Recognized for its expertise in robotics, automation systems, simulation and industrial processes, the ECA Group has been developing complete, innovative technological solutions for complex missions in hostile and confined environments since 1936. Its product offering is designed for an international client base that is demanding, both in terms of safety and effectiveness. The Group’s main markets are in the defense, maritime, aeronautics, simulation, industrial and energy sectors.

In 2016, the Group reported revenue of €112.5 million across its three divisions: Robotics & Integrated Systems, Aeronautics and Simulation.

The ECA Group is a Groupe Gorgé company.

The ECA Group is listed on Euronext Paris Compartiment C.

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Some of these risk factors are set forth and detailed in our Document de Référence (Registration Document including the annual financial report filed with the French Autorité des Marchés Financiers). This list of risks, uncertainties and other factors is not limitative. Other non-anticipated, unknown or unforeseeable factors could also have material adverse effect on our targets. The Group expressly disclaims any obligation or undertaking to update or revise any forward-looking statements or targets potentially contained in this press release to reflect any change in events, conditions, assumptions or circumstances on which any such statements are based.

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