Sagem’s BlueNaute® navigation system chosen by US Coast Guard

Boulogne-Billancourt, April 29rd, 2015

After issuing an international request for proposals (RFP), the US Coast Guard has chosen Sagem (Safran) ’s new attitude and heading reference system, BlueNaute®, to modernize a dozen of its ocean-going ships.

About a dozen Juniper WLB class ships \(^{(1)}\) will be fitted with the BlueNaute system.

Sagem's BlueNaute reference system is based on hemispherical resonator gyros (HRG), a proprietary Sagem technology that gives the BlueNaute very high reliability, coupled with extremely precise measurements. A disruptive navigation technology, the BlueNaute's inertial core offers a competitive advantage in terms of total cost of ownership and performance, versus the previous generation of inertial technologies, especially fiber-optic and mechanical models.

With mean time between failures (MTBF) exceeding 100,000 hours, Sagem's Blue Naute system addresses evolving maritime navigation requirements. Its unexcelled performance qualities make it a perfect match for scientific missions, at-sea searches, offshore operations and coast guard or police missions.

BlueNaute's ergonomic design, performance and longevity were all decisive factors in the system's selection by the US Coast Guard for its WLB ships.

A world leader in navigation systems, Sagem has more than 60 years of experience in making navigation systems for civil and military missions, whether in
the air, on land, at sea or in space.

(1) The WLB Juniper class is a 2,000 tons ocean-going ship, specialized in the laying of navigation buoys, the fight against pollution and search missions at sea. The US Coast Guard deploys 16 ships of this type.

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Sagem, a high-tech company of Safran, holds world or European leadership positions in optronics, avionics, electronics and safety-critical software for both civil and military markets. Sagem is the No. 1 company in Europe and No. 3 worldwide for inertial navigation systems (INS) used in air, land and naval applications. It is also the world leader in helicopter flight controls and the European leader in optronics and tactical UAV systems. Operating across the globe through the Safran group, Sagem and its subsidiaries employ 7,500 people in Europe, Southeast Asia and North America. Sagem is the commercial name of the company Sagem Défense Sécurité. For more information: www.sagem.com

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