

Zupt and Sagem Working Together

Zupt, USA, has entered into an agreement with Sagem (Safran) for the development of the subsea hydrographic and oil & gas market for the Sagem BlueNaute product range. This will include standard subsea heading, pitch, roll and heave products as well as aided inertial options (USBL smoothing and Sparse LBL) to be combined within the subsea BlueNaute products.

BlueNaute is based on hemispherical resonator gyros (HRG), a patented Sagem (Safran) technology that was initially used in spacecraft. This new-generation inertial navigation system is already used in aerospace, which has very demanding reliability requirements. BlueNaute has been developed to be fully compliant with International Maritime Organization and the SOLAS (Safety of Life at Sea) treaty requirements. Because of its core HRG technology, BlueNaute also offers virtually unlimited service life.

BlueNaute navigation systems have been in production since the end of 2012 and are integrated in Sagem's Montluçon plant. Sagem has developed proven expertise in all inertial technologies – mechanical, laser, fiber-optic, vibrating – and has over 60 years of experience in making navigation systems for both civil and military platforms that are deployed by customers around the world.

<https://www.hydro-international.com/content/article/zupt-and-sagem-working-together>
