Sagem wins new order for SIGMA 20 navigators on MBDA surface-to-air weapon systems

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Sagem (Safran), the European leader in onboard navigation systems, announced today a new contract with partner MBDA to supply Sigma 20 navigation systems for MPCV \(^{(1)}\) armored vehicles intended for the export market.

The SIGMA 20 is a high-precision navigation and pointing system, calling on a breakthrough inertial technology, the hemispherical resonator gyro (HRG). This patented Sagem technology underpins navigation solutions combining outstanding cost-competitiveness and reliability.

Easy to integrate in combat platforms, Sagem's Sigma navigation systems are unaffected by jamming, and enable a weapon system to be used in the absence of GPS signals, including in the harshest operating environments.

The new SIGMA 20 navigation system, under production at Sagem's Montluçon plant since 2013, rounds out the company's offering of navigation and pointing systems for surface-to-air artillery systems.

Based on laser gyro or HRG sensors, Sigma navigation systems are used in more than 40 different weapon systems deployed worldwide.

Sagem has developed proven expertise in all inertial technologies (mechanical, laser, fiber-optic, vibrating), covering the full spectrum of land applications. The only company in the world to offer a complete range of civil and military navigation systems, Sagem draws on more than 60 years of experience and expertise.

At Eurosatory 2014, the SIGMA 20 system is integrated on the MPCV vehicle launcher stations, on display at MBDA's stand and at Sagem's stand (Hall 2 - F80).

\(^{(1)}\) The MPCV, or Multipurpose Combat Vehicle, built by MBDA as prime contractor, is a combat system fitted with guns or missiles. The short-range surface-to-air version is fitted with Mistral missiles, while the land combat version will be equipped with MMP medium-range missiles.

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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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