



ATLAS ELEKTRONIK CANADA and Magellan Aerospace Corporation agree on development and design of SeaSpider™ Anti Torpedo Torpedo

ATLAS ELEKTRONIK CANADA Ltd announced today an agreement with Magellan Aerospace Corporation for the design and development phase of the SeaSpider™ Anti Torpedo Torpedo (ATT) program. The initial CDN \$19 million phase of the program was launched in January 2019 and is expected to conclude in 2023. Magellan will lead the design and development of the SeaSpider™ ATT rocket motor and warhead sections of the torpedo that includes design, build, test, and product qualification.

SeaSpider™ ATT is a new naval defence product by German ATLAS ELEKTRONIK, a company of thyssenkrupp Marine Systems, that can be utilized by surface vessels and submarines for “hardkill” defence against attacking torpedoes. The capability of SeaSpider™ is a marked improvement over currently available anti-torpedo systems that rely on decoy and jammer countermeasures rather than, like SeaSpider™, on destroying the attacking torpedo. This technology has initially been developed in Germany by ATLAS ELEKTRONIK together with the German Ministry of Defence and now gains a Canadian element in product development. The SeaSpider™ ATT will combine the best technology and decades of experience of ATLAS and Magellan – the expertise of ATLAS in Germany with torpedoes as well as submarine and naval systems – and the industry leading rocket technology of Magellan in Canada. ATLAS Canada is positioned to manage and support test and trials activity in Canada for ATLAS Germany and will provide final assembly and logistics services during serial production of the SeaSpider™ ATT.

“The partnership between ATLAS and Magellan will bring to market an innovative new torpedo defence system that will be the first of its kind, in this growing market,” said Mr. Haydn Martin, Magellan’s Vice President, Business Development, Marketing and Contracts. “We welcome the opportunity to collaborate in this exciting new endeavor with the ATLAS Group.”

“The SeaSpider™ ATT is a key element of ATLAS ELEKTRONIK’s global market strategy and this agreement with Magellan Aerospace signifies our commitment to grow our activities in Canada,” said Michael Ozegowski, CEO of ATLAS ELEKTRONIK

GmbH. “We expect SeaSpider™ to revolutionize torpedo defence and Anti-Submarine Warfare.”

April 12, 2019
Page 2/2

“With such a significant share of the SeaSpider™ ATT product and its development in Canada we are positioned to participate in a new and innovative product and grow our presence with jobs all across Canada while providing the Royal Canadian Navy and the global defence market with essential underwater defence capabilities,” said Rick Gerbrecht, Managing Director of ATLAS ELEKTRONIK Canada Ltd. “Magellan Aerospace is the ideal partner for us.”

Captions:

Picture: Rick Gerbrecht, Managing Director of ATLAS ELEKTRONIK Canada Ltd (Left) and Dave O’Connor, Division Manager, Defence and Space Products Magellan Aerospace (Right), sign the Development Agreement commencing R & D effort of the SeaSpider™ explosives section in Canada. (Magellan Aerospace photograph).

About ATLAS ELEKTRONIK

The ATLAS ELEKTRONIK Group stands for maritime and naval solutions above and below the ocean surface. The company holds a leading position in all fields of maritime high technology, from command & control systems including radio & communication systems for submarines, surface combatants and mine warfare systems and ranging to heavyweight torpedoes, coastal surveillance systems and in-service support. ATLAS has established a worldwide customer portfolio. The electronics specialist is an operational unit of thyssenkrupp Marine Systems. The company has a workforce of around 2.200 highly skilled employees.

About thyssenkrupp Marine Systems

thyssenkrupp Marine Systems is one of the world’s leading system suppliers for submarines and naval surface vessels. The company has a history of naval shipbuilding that dates back centuries and offers state-of-the-art technologies, innovations and extensive and dependable services to customers around the world.

About Magellan Aerospace Corporation

Magellan Aerospace Corporation is a global aerospace company that provides complex assemblies and systems solutions to aircraft and engine manufacturers, and defense and space agencies worldwide. Magellan designs and manufactures aeroengine and aerostructure assemblies and components for aerospace markets, advanced proprietary products for military and space markets, and provides engine and component repair and overhaul services worldwide. Magellan is a public company whose shares trade on the Toronto Stock Exchange (TSX: MAL), with operating units throughout North America, Europe, and India.

thyssenkrupp Marine Systems GmbH
Stefan Ettwig
Head of Communications
T: +49 1624214123
stefan.ettwig@thyssenkrupp.com
www.thyssenkrupp-marinesystems.com