Press Release

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HIGH-PERFORMANCE, LIGHTWEIGHT DYNEEMA® FORCE MULTIPLIER TECHNOLOGY HELPS MORGAN ADVANCED MATERIALS WIN CANADIAN MILITARY HELMET TENDER

The Netherlands, 9 November 2015 - DSM Dyneema, the manufacturer of ultra high molecular weight polyethylene (UHMWPE) fiber, branded as Dyneema®, and world leader in life protection materials and high-performance fibers, announces that its successful collaboration with Morgan Advanced Materials has delivered a major application for Dyneema® Force Multiplier Technology in combat helmets. The Composite and Defence business of Morgan won the tender for the Canadian Military Helmet program with its LASA ultra lightweight helmet series, incorporating DSM Dyneema's breakthrough technology. The LASA helmets surpassed the competition by delivering ultimate ballistic performance without compromising other key performance criteria such as flame retardancy, dynamic deflection and structural requirements at the lightest possible weight.

"We began development work with DSM's Dyneema® Force Multiplier Technology right after it launched in 2013," said Duncan Eldridge, president, Composites and Defence Systems at Morgan Advanced Materials. *"This cutting edge material, coupled with Morgan's leading process and application of hybrid ultra lightweight composite materials have allowed us to create helmets and hard ballistic plates that are much lighter and more comfortable than ever before—without compromising on performance. DSM Dyneema's technological innovation, together with their proactive support and collaboration has made them a valuable long term resource."*

"Our longstanding partner, Morgan, is once again leveraging our technology as the basis for winning designs," noted Marcio Manique, business segment director, Life Protection at DSM Dyneema. *"The prestigious Canadian helmet program is another major milestone for Dyneema® Force Multiplier Technology, which is fully delivering on its promise of high performance with no compromises. DSM Dyneema takes great pride in its ongoing collaboration with Morgan, and is committed to helping the company drive growth around the world."*

The LASA helmet series is comprised of two styles: the full-cut LASA AC914 helmet for combat operations and the high-cut LASA AC915 assault helmet for special operations, which allows greater situational awareness. Both helmets are compatible with a range of suspension systems for optimum comfort. Furthermore lightweight rails and a night vision goggle shroud allow integration with in-service capability.

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DSM Dyneema's lightweight Dyneema® Force Multiplier Technology, which provides ballistic protection, is one component of the ultra-lightweight hybrid composite that allowed Morgan's developers to reduce areal density of the helmet shell by 30 percent. As a result, the full-cut design weighs only 1.2 kg, while the high-cut model weighs just over 1 kg. Because weight reduction is critical in view of the growing array of technologies that soldiers must carry, a lighter helmet offsets the burden of attachments such as night vision goggles, full face visors, mandible guards, communication systems and cameras. It also increases comfort and freedom of movement.

Morgan's LASA AC914 and LASA AC915 helmets were launched at DSEI, London in September and have also been showcased at AUSA in Washington, D.C. and Seecat in Tokyo. The LASA AC914 and LASA AC915 helmets are the first new designs in what the company anticipates will become a series of innovative new helmets to be developed and offered to the life protection industry. The LASA helmets will next be on display at Milipol in Paris from Nov. 17-20 at the DSM Dyneema stand (5 P 046).

Built on DSM Dyneema's Radical Innovation Platform and manufactured in Greenville, N.C., Dyneema® Force Multiplier Technology combines breakthroughs in polymer science, next-generation UHMWPE fiber technology and unique uni-directional engineering. Compared to body armor made from traditional materials such as aramid, protective gear engineered with Dyneema® Force Multiplier Technology can reduce weight by up to 30 percent while enhancing comfort and agility.

About DSM Dyneema

DSM Dyneema is the inventor and manufacturer of Ultra High Molecular Weight PolyEthylene (UHMWPE) fiber branded as Dyneema®, the world's strongest fiber™. Dyneema® offers maximum strength combined with minimum weight. It is up to 15 times stronger than quality steel and up to 40% stronger than aramid fibers, both on weight for weight basis. Dyneema® fiber floats on water and is extremely durable and resistant to moisture, UV light and chemicals. The applications are therefore more or less unlimited. Dyneema® is an important component in ropes, cables and nets in the fishing, shipping and offshore industries. Dyneema® is also used in safety gloves for the metalworking industry and in fine yarns for applications in sporting goods and the medical sector. In addition, Dyneema® is also used in bullet resistant armor and clothing for police and military personnel.
UHMWPE fiber from DSM Dyneema is produced in Heerlen (The Netherlands) and in Greenville, North Carolina (U.S.A.). DSM Dyneema is also a partner in a high modulus polyethylene (HMPE) manufacturing joint venture in Japan. Further information on DSM Dyneema is available at www.dyneema.com.

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DSM - Bright Science. Brighter Living.™

Royal DSM is a global science-based company active in health, nutrition and materials. By connecting its unique competences in Life Sciences and Materials Sciences DSM is driving economic prosperity, environmental progress and social advances to create sustainable value for all stakeholders simultaneously. DSM delivers innovative solutions that nourish, protect and improve performance in global markets such as food and dietary supplements, personal care, feed, medical devices, automotive, paints, electrical and electronics, life protection, alternative energy and bio-based materials. DSM and its associated companies deliver annual net sales of about €10 billion with approximately 25,000 employees. The company is listed on Euronext Amsterdam. More information can be found at www.dsm.com.

Dyneema® and Dyneema®, the world's strongest fiber™ are trademarks of DSM. Use of these trademarks is prohibited unless strictly authorized.

About Morgan Advanced Materials - Composites and Defence Systems

The Composites and Defence Systems business of Morgan Advanced Materials plc, is a world leader in advanced low weight armour systems for personal and platform protection and in the integration of vehicle systems and services for the military.

Morgan Advanced Materials plc has more than 9,000 employees across 50 countries serving specialist markets in the energy, transport, healthcare, electronics, security and defence, petrochemical and industrial sectors.
Morgan Advanced Materials (MGAM) is listed on the London Stock Exchange in the engineering sector.

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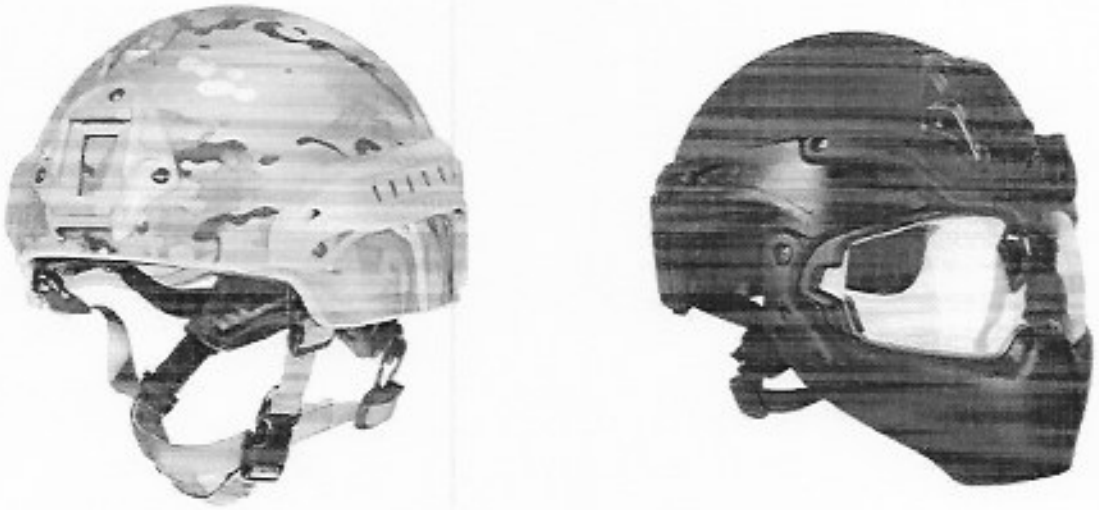
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Morgan's LASA AC914 (left) and LASA AC915 (right) helmets with Dyneema® Force Multiplier Technology.
(Photos Morgan Advanced Materials, DYNPR327)