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## **SELEX Galileo announces two new compact high-energy lasers at AUSA**

SELEX Galileo, a Finmeccanica company, is pleased to announce the launch of two new lasers at this year's Association of the United States Army (AUSA) exhibition in Washington D.C.

The Type 163 Ultra Lightweight Laser Designator (ULD) is the smallest lightweight NATO STANAG 3733-compatible laser designator product available on the market. It generates 80mJ from a lightweight, compact unit and will be used by ground-based forward air controllers to designate targets.

The Type 158 is a flexible, modular laser designed for integration into a range of small and medium-sized turret systems such as those on Unmanned Aerial Systems (UAS). The Type 158 laser also provides a second wavelength, allowing it to provide active Burst Illumination Ladar (BIL) capability.

Currently, development models are being demonstrated to potential customers and production models will be available early next year.

Alastair Morrison, SELEX Galileo's Senior Vice President of Radar and Advanced Targeting said "SELEX Galileo's laser centre of excellence in Edinburgh has produced and supported over 5,500 lasers for over 25 countries - with integration completed on some 40 platforms across air, land and sea. These new lasers represent the latest results of our investment and will provide an important capability to troops on operations when they are made available next year."

### Notes to Editors

The new family of lasers utilises recent advances in laser technology, particularly in the areas of pump diode design, Nd:YAG slab configuration, athermal resonator design and high efficiency heat exchangers. Diode-pumping provides exceptional reliability, lifetime and performance and, combined with the athermal laser resonator approach, delivers dramatic reductions in size, weight and cost over traditionally fielded equipment.

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