

Leonardo-Finmeccanica introduces latest generation active sonar at Euronaval

- **ATAS is the smallest and most powerful underwater sonar to offer high-performance detection at up to 40km**
- **Bullet 2 The variable-depth towed sonar can be used in underwater combat up to a depth of over 300m**
- **Bullet 3 Developed as part of Italy's fleet modernisation programme, ATAS will equip the Italian Navy's new multipurpose patrol vessels (PPA)**

Le Bourget, 18 October 2016 – Today at Euronaval, Leonardo presented its new ATAS sensor (Active Towed Array Sonar), the smallest and most powerful active and passive underwater sonar on the market. Developed by Leonardo as part of the Italian fleet modernisation programme, where the company is also responsible for supplying and integrating all the new naval units onboard systems, including the underwater combat systems, ATAS can detect the presence, location and characteristics of targets at great distances.

ATAS was designed to equip the Italian Navy's new multi-purpose off-shore patrol vessels (PPAs) and can be used in combat operations at a variety of depths to over 300m. The sensor is dramatically smaller and lighter than other active sonars with a similar range, measuring just one metre long and weighing only eight tonnes. ATAS offers high performance detection that amid the ocean overcomes the first acoustic convergence zone, that is at up to 40km in the Atlantic Ocean in certain seasons.

The new sensor uses low and medium sonar frequencies, providing simultaneous, panoramic surveillance in active and passive modes. This enables ATAS to acquire and record target characteristics data. The sensor can also automatically extract the acoustic characteristics of targets and, by comparing this data with its internal database, quickly identify the threat.

ATAS is the latest product of Leonardo's 150 years of experience in underwater weapons systems. The company's products have been selected, and are in operation, in over 30 countries.

Note

Following the process of the reorganisation of the **Leonardo-Finmeccanica** Group's companies, it should be noted that from January 1st 2016: the "Helicopters" division has absorbed the activities of AgustaWestland; the "Aircraft" division has absorbed part of the activities of Alenia Aermacchi; the "Aero-structures" division has absorbed part of the activities of Alenia Aermacchi; the "Airborne & Space Systems" division has absorbed part of the activities of Selex ES; the "Land & Naval Defence Electronics" division has absorbed part of the activities of Selex ES; the "Security & Information Systems" division has absorbed part of the activities of Selex ES; the "Defence Systems" division has absorbed the activities of OTO Melara and WASS.

Leonardo-Finmeccanica is among the top ten global players in Aerospace, Defence and Security and Italy's main industrial company. As a single entity from January 2016, organised into business divisions (Helicopters; Aircraft; Aero-structures; Airborne & Space Systems; Land & Naval Defence Electronics; Defence Systems; Security & Information Systems), Leonardo-Finmeccanica operates in the most competitive international markets by leveraging its areas of technology and product leadership. Listed on the Milan Stock Exchange (LDO), at 31 December 2015 Finmeccanica recorded consolidated revenues of 13 billion Euros and has a significant industrial presence in Italy, the UK and the U.S.