

## **Leonardo-Finmeccanica presents new technology for naval forces at Euronaval**

- **Visitors to the exhibition will be able to learn about the company's next-generation naval systems via a 'virtual journey' on the bridge of a multi-role ship**
- **The latest developments include a "naval cockpit" for integrated ship management and ATAS (Active Towed Array Sonar) the smallest and most powerful towed sonar on the market today**
- **Leonardo naval systems equip more than 100 vessels operated by over 40 international maritime organisations**

**Le Bourget, 17 October 2016** – Visitors to Leonardo-Finmeccanica's stand at Euronaval 2016 will be able to explore a new generation of sensors and systems on the bridge of a multi-role naval vessel, also with the help from virtual reality. Euronaval is the leading international naval sector exhibition and will be held from the 17-21st of October in Paris- Le Bourget, France and Leonardo will be exhibiting the latest technological developments in the naval field at stand n. J86 - K91 in Hall 2A. Leonardo is a key player in the sector and can provide comprehensive solutions for naval mission management which integrate many kinds of sensors including radar, electronic systems, weapons, helicopters and manned and unmanned aircraft. Able to meet the requirements of the world's most advanced naval forces, Leonardo is already responsible for the provision and integration of all on-board systems for Italy's new fleet of naval vessels and is developing the ships' combat systems.

The focus of Leonardo's presence at the show is the company's innovative "naval cockpit", which enables the integrated management of ship-board operations with a vessel's combat system. The new Combat Management System features a modular and reconfigurable open architecture that can be customised depending on the demands of a given mission. At the show, the system will be represented by a 'tactical table', demonstrating the ship's command and control centre.

Also at the stand, visitors will be able to experience, through augmented reality, new naval capabilities including a new multi-functional, fixed-face dual-band radar, friend-or-foe detection and infrared sensors for acquiring and tracking targets, integrated communications systems and satellite radio.

The company will also be exhibiting anti-submarine warfare equipment, including the new ATAS sonar (Active Towed Array Sonar). An innovative new system, the ATAS is the smallest and most powerful variable-depth, towed sonar available today.

### **Note**

Following the process of the reorganisation of the **Leonardo-Finmeccanica** Group's companies, it should be noted that from January 1<sup>st</sup> 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.

Also on display are the large-caliber 127/64 LightWeight (LW) naval gun, the world's most advanced in its category, and the over-bridge version of the 76/62 cannon equipped with the Strales kit, able to fire guided DART (Driven Ammunition Reduced Time of Flight) munitions as well as the latest Vulcano ammunition. On-deck, visitors will be able to see the AW101 helicopter, a multi-role military aircraft able to perform the full range of naval missions including anti-ship, anti-submarine, search and rescue, radar surveillance, utility and amphibious support.

Over the last 50 years, more than 40 marine organisations around the world have chosen Leonardo technology to equip more than 100 naval vessels. In addition to Italy's 'Naval Law' programme, which will see the renewal of the fleet, other significant projects include the Italian-French collaborative programmes Horizon and FREMM, the Qatar Navy's modernisation programme and a partnership with the United Arab Emirates in the marine sector. These have allowed Leonardo establishing itself as a major international player in the integration of combat systems and the provision of advanced equipment for modern naval requirements.

Thanks to the company's international experience, Leonardo is able to meet a broad variety of requirements for maritime domain awareness for safety and security. Through its divisions, Leonardo provides aircraft for maritime patrol (Maritime Patrol Aircraft – MPA), helicopters for surveillance and sea rescue (Search And Rescue – SAR), capabilities to combat surface threats, submarines, unmanned surface vessels and underwater robots, radar and electro-optical systems to assist with the control of coasts and borders, coastal site defence systems, maritime surveillance and scenario analysis systems, command and control systems, and more. Leonardo also provides satellite systems and services for Earth observation and geo-location, both important for marine environmental monitoring and maritime security.

Leonardo also works with Fincantieri as part of the 'Orizzonte Sistemi Navali' joint venture, in particular for the FREMM programme, and more in general in the naval military sector on the domestic and international market.