

Paris, Le Bourget, 20 June 2011

**PRESS RELEASE**

## **Turning technology into capability: SELEX Galileo showcases its integrated airborne surveillance and air superiority pedigree at Paris Air Show 2011**

SELEX Galileo, a Finmeccanica company, is demonstrating its leadership in airborne sensors, mission systems and integrated solutions as part of the Finmeccanica exhibit at the 49<sup>th</sup> Paris Air Show at Le Bourget, 20-26 June 2011.

Building on a strong pedigree in tactical ISTAR avionics, airborne radar, electro-optical/infrared (EO/IR) systems, electronic warfare and self-protection systems, the Company is this year putting a spotlight on how excellence and innovation in software, sensors and architecture is being translated into mission-essential systems capability. The result is a new generation of advanced sensors and integrated solutions, matched to the demanding multi-mission, multi-platform requirements of defence and security forces worldwide.

A highlight of this year's show will be the unveiling of SELEX Galileo's latest Falco EVO tactical unmanned air system (UAS). Capitalising on the proven high-end tactical Falco UAS, Falco EVO complements the Falco by extending the wings to accommodate a substantially increased multi-payload capacity and offering increased endurance (in excess of 18 hours).

Also integrated on the Falco EVO is PicoSAR, a compact and lightweight Active Electronic Scanned Array (AESA) radar, the ESM/ ELINT system SAGE and the EO turret EOST 46.

Recognising the growing requirement for homeland security and maritime domain awareness, SELEX Galileo continues to develop its ATOS airborne tactical observation system. In service with 9 national and international customers, ATOS brings together multiple sensor inputs to enable wide area picture compilation, data fusion and analysis and guaranteed-effective mission management. ATOS features a full range of proprietary sensors, EO/IR and radar, such as the M-scan Gabbiano radar and the Seaspray AESA radar.

Demonstrating Seaspray's multi-platform appeal, SELEX Galileo was recently selected to supply its Seaspray 7500E to meet an Asian customer's requirement for a long range, long endurance, border surveillance sensor elevated to altitude using a tethered aerostat.

In the air combat arena, SELEX Galileo presents some of its flagship solutions in situational awareness and protection. For customers requiring high performance M-scan radar, SELEX Galileo offers its fourth generation Grifo lightweight pulse-doppler radar as an ideal choice for fighter upgrades and new production aircraft. In service with five international customers and with over 180,000 flying hours, the Grifo continues to receive great interest from customers, especially in the upgrade market. At this year's show, SELEX Galileo will be announcing the latest contract for this unique, operationally proven sensor.

Addressing the market for AESA fire control radar, SELEX Galileo will be promoting its Captor-E AESA solution for the Eurofighter, RAVEN ES for the Gripen NG and Vixen radar. These best-in-class, next generation radar systems strongly position the Company to cover all segments of the sector.

With its long history of designing and integrating electronic warfare and defensive suites, SELEX Galileo is trusted worldwide to deliver responsive, user-friendly airborne self-protection systems.

On show at Le Bourget are two of the latest additions to the Company's protection solutions range: SEER, an all-digital radar warning receiver providing unambiguous threat warning and emitter identification and SAGE, a new electronic support measure system which is designed to provide both manned and unmanned platforms with a comprehensive radar-band signals analysis and geo-location function.

Also on display is the ECLIPSE, a cost-effective, lightweight, stabilised, two-axis pointer tracker designed for use as part of the Directed InfraRed Counter Measure (DIRCM) system. The design capitalises on DIRCM pedigree, formulated through the design and delivery of over 1000 combat-proven transmitters to Northrop Grumman Corporation for use in its AN/ AAQ-24(V) NEMESIS DIRCM system.

SELEX Galileo will also exhibit the VigilX, its latest solution for rotary wing situational awareness. Combining distributed sensor technology with advanced image processing algorithms, VigilX presents aircrew with a fused 360° panoramic image, effectively enabling them to 'see through' the airframe to ensure all-round situational awareness.

With the recent acquisition of a small Italian company specialising in mini UAS, SELEX Galileo will demonstrate at Le Bourget the "perch and stare" capabilities of the ASIO mini VTOL and of the CREX-B.

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