

Paris, 15 June 2009

SELEX Galileo at the International Paris Airshow, Le Bourget, 2009

The 2009 International Paris Airshow will see SELEX Galileo, of Finmeccanica, return to Le Bourget with a selection of its pioneering range of products. The Company will be present at the Finmeccanica stand, number B165 in Hall 2 of the *Salon de Bourget* exhibition arena and at the outdoor static display, from 15 to 21 June.

Products on display include:

Vixen 1000ES

The Vixen family presents a compact, lightweight, Active Electronically Scanned Array (AESA) radar capability to the market which builds on more than 50 years of expertise in the development and production of Fire Control Radar, the Vixen 1000ES delivers greater performance and higher reliability. The Company's strategic agreement with SAAB to equip its Gripen NG with the Vixen 1000ES further confirms SELEX Galileo's excellence in developing cutting edge sensor solutions.

Seaspray 7000E

Seaspray 7000E belongs to SELEX Galileo's successful Seaspray family of surveillance radars. It combines a state of the art Active Electronically Scanned Array (AESA) with a Commercial Off The Shelf (COTS) processor to deliver an innovative capability which covers both air-to-surface and air-to-air environments. Seaspray AESA radars have been selected by customers in the UK, US, Italy and Ecuador.

PicoSAR

PicoSAR is an AESA radar which provides an optimum all-weather capability for both manned aircraft and Unmanned Aerial Systems (UAS). PicoSAR uses low power, solid state Transmit Receive Modules (TRM) in its array. The flexibility of AESA technology allows the radar antenna to be resized according to requirements. PicoSAR has flown successfully on various manned and unmanned platforms and recently saw its first deliveries to two European customers.

PicoSTAR

PicoSTAR is designed to provide highly compact, lightweight integrated AESA radar and Electro-Optic (EO) capability for UAS and other small fixed or rotary wing platforms. Twin AESA modules can be mounted up to two metres away from the central EO/ processing module to enable integration on a wide range of platform configurations. The EO sub-system implements the latest Swan II 4th Generation dual-mode imaging sensor together with a conventional zoom/ e-zoom TV sensor.

Gabbiano

The Gabbiano family of surveillance radar were developed by SELEX Galileo to meet the need for protection, patrol and surveillance missions over ground, sea and along coastlines in all weather conditions. The high modularity and flexibility of this family of Radar, in conjunction with low power consumption, allows for operation on-board fixed and rotary wing platforms)

Airborne Tactical Observation and Surveillance System - ATOS

The ATOS, Airborne Tactical Observation and Surveillance system is an advanced, flexible mission management system which is available in various configurations to fit different size of airborne platform. ATOS counts more than 45 systems installed, or in process of being installed, on 11 different aircraft – including the ATR 72 and 42MP, DASH – 8, Beechcraft 300, CN 235, Piaggio P-166, AB 412 and AS300B3. The system has been selected by five international customers.

UAV Battlelab

Unmanned Aerial Vehicles (UAVs) are expected to take on an increasing role in existing and future operations. For this emerging need, SELEX Galileo offers the UAV BattleLab. This cost effective solution is tailored to UAV missions, operational analysis, definition and validation of concept of

operation, system requirement definition, and simulation based acquisition, analysis & demonstration of innovative solutions and training.

Falco

Falco is a tactical, medium altitude, endurance Unmanned Aerial System (UAS) designed for civil and military surveillance and Homeland Security. With easy deployment, survivability, wide suite of payloads and 24/7 all-weather capability Falco is equipped to perform a range of missions. Falco's features ramp take-off, fully automatic short take-off and landing capabilities and day/ night flight and navigation, plus a NATO compliant Ground Control Station enabling mission planning, re-tasking and data fusion.

ASIO

The ASIO Mini Vertical Take-Off and Landing (VTOL) Unmanned Aerial System (UAS) is a fully automatic, electrical UAS specifically designed for "hover and stare" battlefield surveillance, forward scout missions and Special Operation support. The ASIO UAS is portable in a compact lightweight back-pack, which includes a ground control station and antenna. ASIO is produced in collaboration with UTRI.

STRIX

STRIX is an electrical Mini UAS which can be launched by hand or catapult, and has been specifically designed to support tactical units with short range "over the hill" and "around the corner" intelligence and local situational awareness. It is man-portable in a compact lightweight backpack, which includes a ground control station and antenna. STRIX is produced in collaboration with Alpi Aviation.

Mirach 100/5

The Mirach 100/5 is a high performance, reusable Aerial Target System which is the European Armed Forces standard threat simulator. Mirach 100/5 manages up to 8 targets simultaneously in a realistic training scenario and simulates multiple threats flying at high subsonic speeds. The system is controlled by a modern Ground Control Station, which allows mission planning / re-tasking, rehearsal and play back.

SLX Hawk

SLX Hawk is a high performance thermal imaging camera with a continuous zoom lens. It produces high resolution Mid Waveband Infrared (MWIR) images in day, night and poor visibility, for airborne, land and sea operations. SLX Hawk has been designed as a compact unit which can be applied to a wide range of thermal imaging applications by system integrators and OEMs.

STOL OPV

Short Take-Off and Landing Optionally Piloted Vehicle (STOL OPV, currently developed with UTRI is based on a modified ULM two-seater gyroplane, an Electro-Optic and/or SAR Payload and a Ground Control Station, it can be operated as manned, semi-manned and unmanned. STOL OPV has been Integrated with the new EPTAVIEW, low-weight, low-cost 360° simultaneous coverage sensor designed for single pilot use.

NIMOS:

NIMOS Is a modular lightweight Helmet Mounted Display integrated with Low Light Level digital TV for soldier night mobility developed within the *Soldato del Futuro* programme of the Italian Army. NIMOS can receive and display IR or TV video streaming by Wireless Data Link. NIMOS can also be integrated with C2/C4i system to display directly to the eye Digital Maps, Coded Messages and alarms in a silent mode and grab snapshots shared with C2/C4i, through wireless or wired link.

ASPIS:

ASPIS is the latest generation of multifunctional light integrated Rifle-Sight Mobility developed within the *Soldato del Futuro* programme. ASPIS enhances mission performance being capable of observation and aiming at long and short distance combining night/day video channels for the long distance, and Visible and Invisible Laser Pointers and a Red Dot for the short distance. A wireless transmission of night and day video signals processed by the ASPIS enables the Soldier to observe and fire "around corners" and records snapshots of the scene on its receiver computer.

LINX:

LINX is a multifunctional multisensory Hand Held Global Target Locator System packaged in a lightweight unit for infantry squads, Special Forces and law enforcement forces involving forward observers and reconnaissance patrols developed within the Italian Army's *Soldato del Futuro* programme. The LINX enhance the situation awareness during mission being capable to acquire and process target by recording a Digital Data Package made by target range, angular position (azimuth and target elevation) respect to North Pole, GPS data and the target Image both, in Infrared or TV channel

SCORPIO:

SCORPIO is a unique system on the market and offers a fully integrated aiming and firing capability, the Scorpio is a Lightweight compact Fire Control System for 40 mm Grenade Launcher tubes that provide fast and accurate aiming and firing (LOS/LOF) capabilities giving soldiers a powerful selective weapon system developed within the *Soldato del Futuro* programme of the Italian Army. A ballistic computer enhances the First Hit Probability against Standing and Moving target reducing the fire reaction time. The unit can be re-configured by uploading different firing tables (HE Frag, HEDP, etc.) and the selection can be done in the field.

Maser

The Passive Hydrogen Maser is an atomic clock with outstanding stability, averaging times from 1 to 100,000 seconds, for use in precise positioning, time keeping and other on-board applications. The Maser is designed to perform in space environment for not less than 12 years and is the most stable space borne atomic clock ever developed for an operational programme; it will be installed on all the satellites of the Galileo Constellation.

Star Tracker (A-STR)

Autonomous Star Trackers (A-STR) provide attitude data and motion rates of satellite and, based on a radiation hardened design and proprietary algorithms, ensure accurate and robust 3-axes attitude determination in all types of mission. A-STR has accumulated an excellent in-flight heritage, demonstrating accuracy and exceeding the required performance of few arc seconds.

SLSTR

The SLSTR radiometer measures land and sea surface temperature, covering nine bands between 0.555 and 12 micron wavelength. The Visible (VIS) channels allow vegetation mapping, while the Short Wavelength Infrared (SWIR) provides data for the correction of atmospheric parameters (aerosol, clouds). With an accuracy of 0.2 degrees Kelvin and an on ground spatial resolution of 1 Km, the SLSTR is onboard the Sentinel 3 payload.

Notes to Editors:

SELEX Galileo, of Finmeccanica, is Europe's leading defence electronics business. The Company maintains an innovative approach both in working with its customers and in delivering the best situational awareness and threat protection systems for defence and homeland security applications.

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