

Zhuhai, 4th - 9th November 2008

SELEX Sistemi Integrati at Zhuhai Airshow 2008

SELEX Sistemi Integrati, a Finmeccanica company, world leader in design and manufacturing of systems and radars for defence and air traffic control management and airport systems, takes part to the 2008 edition of Zhuhai Airshow, in Zhuhai, China from 4th to 9th November.

The mastery of technologies and critical capabilities in the domain of Large Systems enables the company to offer global solutions for Air Traffic Management Systems, including turn key airport systems. From meteorological systems to ATC sensors, from ground stations to airspace traffic management, the company offers a total capability portfolio, proposing itself as an ideal technological partner for turn-key infrastructures, taking on the responsibility for designing, producing, installing and setting up the operational configuration. The company has provided radar systems and centres in more than 150 countries worldwide. Its continuous success confirms SELEX Sistemi Integrati as one of the leading companies in the ATM domain.

Moreover, the steady commitment of SELEX Sistemi Integrati in the international field to define new standards for air traffic management systems, is confirmed by its presence in the main international programmes SESAR (Single European Sky ATM Research), Co-Flight (programme among Italy, France and Switzerland) and CARDAMOM.

The subsidiary companies SELEX Sistemi Integrati Ltd. (military and commercial field of ATM), SELEX Sistemi Integrati GmbH (meteorological expertise) and SELEX Sistemi Integrati Inc. (navaids) further enforce the capability of the Company to be a total solution provider in the ATM domain.

Located in Kansas, the American subsidiary SELEX Sistemi Integrati inc., in particular, provides a complete line of ground based navigation and landing aids, and is a premier supplier of systems, equipment and services to aid the in-flight navigation, landing and ground movement of aircrafts under all visibility conditions.

In China SELEX Sistemi Integrati has been present with its air traffic control systems for a long time. 75% of the commercial Chinese airspace is actually covered by SELEX Sistemi Integrati's primary, secondary systems and control centres. In fact, in the last twenty years the company has supplied and installed 34 complete radar sites in China, essentially based on ATCR33-K, SIR-M, SIR-S, ATCR44-K systems.

Moreover, the most recently signed contract refers to the supply of logistic support on previously installed civil air traffic control systems for the Air Traffic Management Bureau – Civil Aviation Administration of China (ATMB-CAAC) in Beijing. The company logistic support has been especially requested in view of the last Olympic games.

At Zhuhai Airshow 2008 SELEX Sistemi Integrati displays its capabilities in Air Traffic Control Management Systems by presenting:



SELEX Sistemi Integrati, a Finmeccanica company, designs and develops Large Systems for Homeland Protection, systems and radar for air defence, battlefield management, naval warfare, air traffic control, coastal and maritime surveillance. Fifty years of experience in system integration have created a customer base in no less than 150 countries. **SELEX Sistemi Integrati** has complete mastery of the advanced technologies involved – the company's true wealth and expertise – as well as an extensive commercial offer of state-of-the-art solutions and products, backed up by full logistic support.

With about 3,000 employees and plants in Italy, the UK, Germany and the USA, **SELEX Sistemi Integrati** is a leader in research and development thanks to annual investments amounting to 20% of the production value.

ATM Demonstrator

The ATM demonstrator by SELEX Sistemi Integrati consists of an A-SMGCS (SAIL) and an Automatic Dependant Surveillance-Broadcast (ADS-B) system. SAIL, A-SMGCS Integrated solution by SELEX Sistemi Integrati, is a modular and flexible A-SMGCS suitable to a wide range of airports. The demonstrator shows one Tower/Ground Controller Position, deployed by SELEX Sistemi Integrati in Rome Fiumicino and Milan Malpensa International Airports. The SAIL Controller Working Position (CWP) provides an integrated presentation of airport surrounding airspace and surface traffic. Multilateration System installed in Malpensa relies on a network of ten ground stations, managing standard/extended squitters and on real-time replies. The ATM demonstrator includes as well an ADS-B presentation, relevant to Rome Fiumicino Airport traffic. Recorded data are gathered through an ADS-B 1090ES Ground Station (MXC) by SELEX Sistemi Integrati, a high performance ADS-B (Automatic Dependent Surveillance - Broadcast) Ground Station for en-route, terminal and airport surveillance applications, compliant with the 1090 MHz Mode-S Extended Squitter standard.