Company Logo

TRADE SHOW NAME
MEDIA MEETING NOTES & REPORT

Date

REPORTER NAME – TRADE PUBLICATION 1

Company representative briefed reporter on a variety of developments, including facts and figures from customers and provided a demonstration of the new product analysis (with assistance from other company representative.) Company representatives provided reporter with an overview of the new contract news as well a general update on our activities. We also gave the reporter an update on new product activities and other activities. We presented the reporter with the new product news a day ahead of its release. The reporter attended the customer dinner on Wednesday.

Action item: We will provide the reporter with a version of the new product presentation (with results) that is Ok for external release. The reporter may be visiting the east coast of the U.S. in June. We will try to arrange a visit to a customer or a briefing in our Washington office.

SELECT ARTICLES RELATED TO THE SHOW (TO DATE)

Madrid — World ATM NOW Industry News — Wednesday, 5 March, 2014

AEROTHAI Selects Saab ADS-B for Expanded Trial in Thailand

Aeronautical Radio of Thailand (AEROTHAI), the Air Navigation Service Provider (ANSP) for Thailand, has selected defense and security company Saab to deploy an upgraded and expanded Automatic Dependent Surveillance-Broadcast (ADS-B) system across Thailand. The ADS-B system will provide surveillance of flights over Thailand's airspace in an expanded trial of the technology.

Saab first deployed an ADS-B trial system for AEROTHAI in 2007 at their headquarters in Bangkok to enable AEROTHAI's initial surveillance evaluation of ADS-B. That system is being upgraded and expanded to increase the ADS-B coverage of Thailand airspace with the goal to study reduced separation and improved flight efficiency as more aircraft become equipped with ADS-B.

"We have utilized Saab ADS-B on a trial basis since 2007 and have seen the potential benefits in terms of improved situational awareness and efficiency of air traffic," said Mr. Paisan Praneetpongrang, Senior Director, Air Traffic Services Engineering Support Bureau of AEROTHAI. "The upgraded and expanded trial system will enable us to more accurately evaluate ADS-B as a country-wide solution."

Saab pioneered the development and implementation of ADS-B, fielding the first operational ADS-B transceivers for both the Mode S Extended Squitter (1090 ES) and Universal Access Transceiver (UAT) datalinks. The deployed Saab ADS-B transceivers are also capable of transponder multilateration, allowing for independent verification of ADS-B data and serving as an auxiliary system. Saab ADS-B provides ASTERIX CAT21 output, fully meeting all ED-129 requirements.

IHS Jane's Holds ATM Awards Ceremony

IHS Inc., a leading global source of critical information and insight, held the IHS Jane's 14th annual ATC Awards ceremony during the CANSO ATM Dinner in Madrid at the beautiful Galeria de Cristal. A cross-section of the air transport community assembled to acclaim leading projects and cutting-edge technological developments.

This year's contenders included major consortia as well as relative newcomers to the airspace management industry, with more than 40 nominations received in total. These were shortlisted and pared down to the winning entry in each category by a panel of experienced judges, drawn from the International Civil Aviation Organization (ICAO), Federal Aviation Administration (FAA), Eurocontrol, the Civil Air Navigation Services Organisation (CANSO), the International Air Transport Association (IATA), the International Federation of Air Traffic Controllers' Associations (IFATCA) and IHS Jane's.

The Winners

The winners in the six categories are summarised below, with honourable mentions for those entrants who came close.

Environment Award: Eurocontrol and Thomas Cook Airlines – Network Manager Flight Efficiency Initiative

Enabling Technology Award: SESAR JU and partners – SESAR SWIM Outreach

Service Provision Award: ASIOACG – Arabian Sea-Indian Ocean UPR Geographic Zone

Technology Award: Harris Corporation – SWIM solutions powered by Data Exchange (DEX)

Innovation Award: delair Air Traffic Systems – arosa PMS/de-icing

Runway Award: Midwest ATC – Kandahar runway efficiency

AVIATION WEEK INTELLIGENCE NETWORK MARKET BRIEFING
March 7, 2014 • PAGE 3
Aviation Daily

FAA Preparing To Move Forward On Tower ATM Project

AIR TRAFFIC MANAGEMENT The FAA will soon launch the contract process for a major tower-based air traffic management initiative that has been delayed significantly in the past.

The tower flight data manager (TFDM) program will upgrade the backbone operating system for the agency's control towers nationwide. It is the equivalent of high-profile automation upgrades that have previously been launched in the terminal and en-route environments. Most of the major manufacturers active in the ATM field are expected to compete in various teams.

TFDM has been under discussion for years. Companies had previously expected the FAA to award a contract early this year, but the timeline slipped, industry sources say.

Now, the agency plans to make a formal investment decision for TDFM in the late spring or early summer, FAA Assistant Administrator for NextGen Edward Bolton tells Aviation Week at the Civil Air Navigation Services Organization's World ATM Congress in Madrid. The investment decision will be the green light for the contract process to begin.

The FAA plans to issue a request for proposal in December 2014, with a contract award likely around mid-2015.

TFDM will improve controllers' capabilities in many areas. It will automate many tasks, and give them improved awareness of airport movements. The requirement is likely to include electronic flight strips, decision support tools, arrival and departure management and data exchange.

-Adrian Schofield, adrian.schofield@aviationweek.com

SFO Will Use Aerobahn System During Runway Closure

AIRPORTS Saab Sensis has been awarded a contract to help San Francisco International Airport (SFO) cope with delays related to a major runway closure, following the success of a similar project at New York Kennedy International Airport (JFK).

Under the contract, Saab will provide its Aerobahn system with a departure manager. This will assist the airport, airlines and controllers in sequencing movements to minimize disruptions when the 1R and 1L parallel runways at SFO are closed for a construction project from May 17 through September. The value of the Saab contract is not being revealed.

Deployment of Aerobahn at SFO has already begun, says Dan London, Saab Sensis director for airline and airport automation. A 10-day operational test of the system is currently scheduled to begin in April, London told Aviation Week during the Civil Air Navigation Services Organization's World ATM Congress in Madrid.

The system will generate recommended gate departure times to optimize airport flows. This will significantly reduce queues at runway thresholds. Maintaining a short queue is important to ensure no takeoff opportunities are missed, London says.

The same system was deployed at JFK when a four-month runway closure in 2010 significantly reduced airport capacity. The efficiency gains were such that the system was retained after the runway was reopened.

SFO is also the location of another Saab Sensis project. The airport is the initial site for a surveillance system being deployed under the FAA's airport surface surveillance capability (ASSC) program. Saab is contracted to deploy ASSC at eight more airports in the U.S.

-Adrian Schofield, adrian.schofield@aviationweek.com

Canadian Government Backs CAE's Simulation Research

TECHNOLOGY Flight-simulator manufacturer CAE is to receive a C$250 million ($225 million) repayable investment from the Canadian government to support its Project Innovate program to develop new modeling and simulation technologies.

Investment in the company's research and development program, which will continue into 2020, is being made under the federal government's Strategic Aerospace and Defense Initiative (SADI).

CAE received a similar C$250 million repayable investment in March 2009, for its previous Project Falcon R&D program to develop new technologies for civil and military simulation.

Under the predecessor to SADI, the Technology Partnerships Canada program, the company received C$300 million in March 1997, of which $91 million had been repaid by November 2013, according to Industry Canada's website.

CAE says Project Innovate will develop a modular simulation platform for civil aviation and defense markets that will be easier to deploy and maintain. The company says it will also develop products geared toward joint and networked training in air, land and sea domains.

Civil simulation products accounted for 22% of CAE's $1.53 billion in sales in its first three quarters, ending Dec. 31, and the company booked a record 43 orders for civil full-flight simulators in the first nine months. Military simulation products accounted for 25% of sales.

-Graham Warwick, graham.warwick@aviationweek.com

Thailand expands ADS-B trial with Saab upgrade

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Anne Taylor
Tue, 2014-03-11 15:01

Saab has won a contract from Aeronautical Radio of Thailand (AEROTHAI) to deploy an upgraded and expanded Automatic Dependent Surveillance-Broadcast (ADS-B) system across Thailand.

The ADS-B system will provide surveillance over Thai airspace in an expanded trial of the technology.

Saab first deployed an ADS-B trial system at AEROTHAI's Bangkok headquarters in 2007 for initial surveillance evaluation. That system is now being upgraded and expanded to increase ADS-B coverage in Thai airspace with the aim of reducing separation and improving flight efficiency as more aircraft become ADS-B equipped.

AEROTHAI senior director-Air Traffic Services Engineering Support Bureau Paisan Praneetpongrang said: "We have utilized Saab ADS-B on a trial basis since 2007 and have seen the potential benefits in terms of improved situational awareness and efficiency of air traffic. The upgraded and expanded trial system will enable us to more accurately evaluate ADS-B as a country-wide solution."

Saab fielded the first operational ADS-B transceivers for both the Mode S Extended Squitter (1090 ES) and Universal Access Transceiver (UAT) datalinks. Deployed Saab ADS-B transceivers are also capable of transponder multilateration, allowing for independent verification of ADS-B data and serving as an auxiliary system.

Source URL: http://atwonline.com/air-traffic-management/thailand-expands-ads-b-trial-saab-upgrade

be the first foreign company to sign an agreement with the Japan Civil Aviation Bureau is a great honour. Not only does it demonstrate the high regard in which NATS is held, it will help to further consolidate our relationships in Japan and in the wider region," Deakin wrote.
NATS signed a similar deal with aviation consultancy Mitsubishi Research Institute (MRI), which also works with JCAB, almost a year ago. NATS has since been offering capacity analysis for JCAB at Tokyo's Narita and Haneda airports and partnered with MRI for the Narita Airport Authority and the Japanese Meteorological Agency. #972.ATC8

Airbus has signed a memorandum of understanding (MoU) with Commercial Aircraft Corporation of China (COMAC) to focus on global interoperability. Airbus CEO, Günter Butschek, and COMAC President, He Dongfeng, have signed the agreement under which both firms intend to develop a mutual understanding on new air traffic management (ATM) concepts and operations as defined in the ICAO Global Air Navigation Plan. Both companies will share best practices and identify improvements required by current ATM technology roadmaps both on-board the aircraft and on the ground for secure, efficient and sustainable air traffic operations. According to Airbus, standardized and interoperable air traffic management will cut short travelling time while reducing emissions and noise levels. Dongfeng said: "Environmental protection, aircraft safety and a seamless cooperation between industry players are important factors in promoting a sustainable aviation industry. Through collaboration, both companies will jointly contribute to the long-term sustainable development of the aviation industry." Butschek added that Airbus had been collaborating with sections of the industry around the world to promote the sustainable growth of aviation, and the cooperation with COMAC was a part of Airbus' worldwide efforts. "Further projects will be launched, depending upon the expansion of the scope of the cooperation," Butschek said. #972.ATC9

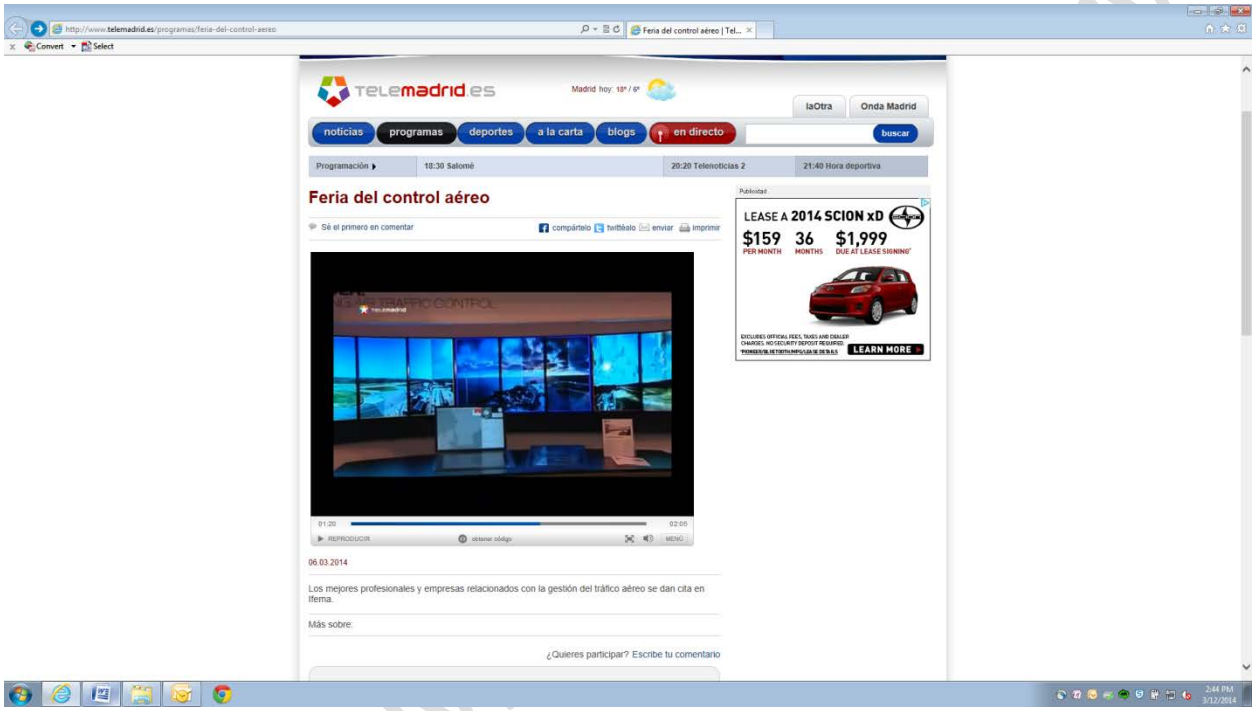
Saab has introduced the SR-3, its third-generation, solid-state X-band Surface Movement Radar (SMR) for airport surface surveillance applications. The SR-3 features the antenna, transceiver and radar data processor in a complete package from the global leader in Advanced-Surface Movement Guidance and Control Systems (A-SMGCS). Based on more than 10 years experience in fielding solid state radars, the SR-3 employs an open architecture design that utilizes industry standard interfaces for easy integration into existing or new air traffic control systems. The radar complies fully with EUROCAE ED-116 and EUROCAE ED-87B standards for A-SMGCS Levels 1, 2 and 3. #972.ATC10

Harris Corporation has been awarded a contract to supply critical air traffic control (ATC) communications at the new Dutse International Airport in Nigeria. Harris will supply its Liberty-STAR™ Voice Communication and Control System (VCCS), Liberty-MET Weather System, a 48-port digital recorder, GPS Time Source and radios to the new airport, which is under construction. Liberty-STAR™ VCCS features a modular architecture, open-platform software and commercial-off-the-shelf hardware that delivers a reliable, scalable communications solution for ATC towers, airline and area control dispatch, flight service stations, and mobile shelters. The system will be equipped with touch-screen operator positions, radio interfaces, telephone interfaces, and a System Maintenance, Administration and Reconfiguration Terminal (SMART) POSITION™. #972.ATC11

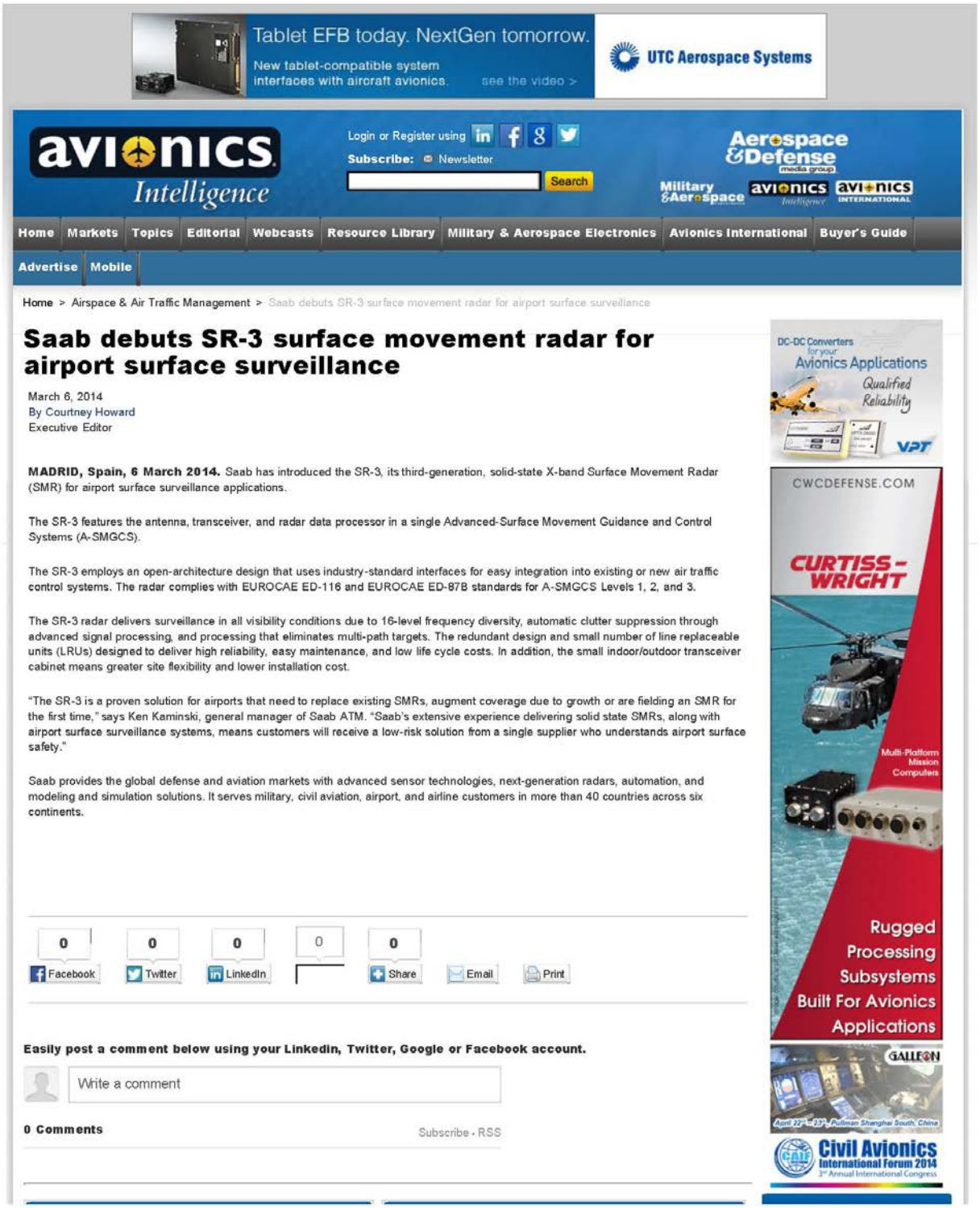
Names

The SESAR Joint Undertaking (SJU) has announced that Florian Guillermet, Deputy Executive Director of the SJU, has been selected as its new Executive Director. Guillermet's appointment comes at a time when the SJU and its members prepare for the next phase of SESAR. Since joining the

http://www.telemadrid.es/programas/feria-del-control-aereo



Saab debuts SR-3 surface movement radar for airport surface surveillance - Avionics Intelligence



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AEROTHAI Selects Saab ADS-B for Expanded Trial in Thailand

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"We have worked closely with AEROTHAI to develop the right system to meet their specific needs and requirements," said Ken Kaminski, general manager of Saab ATM. "Saab ADS-B is a field-proven solution that is being used or deployed for situational awareness and reduced separation in some of the most challenging air routes."

Source : **Saab AB (OMX Stockholm: SAAB B)**

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The SR-3 radar delivers the highest level of surveillance available in all visibility conditions due to 16-level frequency diversity, automatic clutter suppression through advanced signal processing, and sophisticated processing that eliminates multi-path targets. The fully redundant design and small number of line replaceable units delivers high reliability, easy maintenance and low life cycle costs. In addition, the small indoor/outdoor transceiver cabinet means greater site flexibility and lower installation cost.

"The SR-3 is a proven solution for airports that need to replace existing SMRs, augment coverage due to growth or are fielding an SMR for the first time," said Ken Kaminski, general manager of Saab ATM. "Saab's extensive experience delivering solid state SMRs, along with airport surface surveillance systems, means customers will receive a low-risk solution from a single supplier who understands airport surface safety."

Source : **Saab AB (OMX Stockholm: SAAB B)**

Published on ASDNews: Mar 5, 2014

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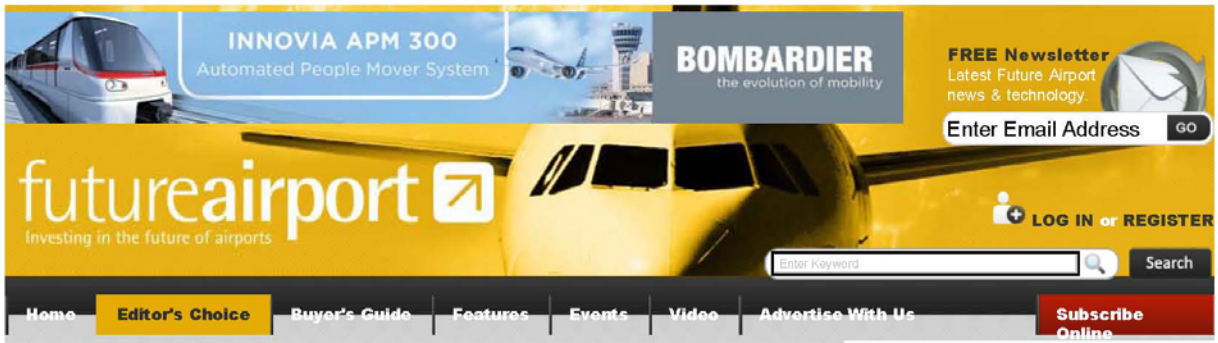

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5 March 2014

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