



INFORMASJON FRA ATM NORGE

Nyhetsbrev august 2015

Nytt fra Indra Navia:

HungaroControl Selects Indra Navia's NOVA 9000 Remote Tower Solution

- Indra Navia's NOVA portfolio of integrated tower solutions has been selected by HungaroControl to be installed at Budapest Liszt Ferenc International Airport (LHBP).

An agreement has just been signed between HungaroControl, the national air navigation service provider of Hungary, and Indra Navia AS, the world leading air traffic management solution provider from Norway, for the delivery of several NOVA 9000 technologies from Indra Navia's complete portfolio of Automated, Integrated, and Remote Tower Solutions.

Indra Navia's NOVA 9000 Advanced Surface Movement Guidance and Control System (A-SMGCS) will be installed at the remote tower facility (rTWR) at Budapest Liszt Ferenc International Airport (LHBP). To further enhance ground surveillance and control, Indra Navia will also deliver an upgrade of the multilateration (MLAT) system and integration, control and monitoring of the airfield ground lighting (AGL) system. Indra Navia will also be responsible for the related civil works together with Hungarian partners.

The rTWR will be capable of controlling all traffic at LHBP in all weather conditions with the same capacity as currently possible using the existing control tower (TWR). To achieve this, all TWR equipment will be duplicated in the rTWR. Additional equipment will be added to facilitate visualisation.

Indra Navia's delivery is a complete and upgraded A-SMGCS that will be installed in the rTWR. Also a part of the delivery, is an airport video camera system that is installed at carefully selected locations around the runways, together with a 4x8 video display wall for reproducing the out-of-the-window view (OTW).

Indra Navia and NAV CANADA Add Three Significant Milestones To Their Successful 15-Year Partnership

- With around 115 NORMARC installations, Indra Navia's instrument landing systems will become the new standard for NAV CANADA
- NAV CANADA and Indra Navia complete a Site Acceptance Test and final handover for a latest generation NOVA 9000 Tower System at Toronto International

Airport.

- Indra Navia receives its 11th Supplier Performance Award from NAV CANADA

Indra Navia and NAV CANADA announce the achievement of three significant milestones, following the installation of nine NOVA 9000 Airport Surface Detection Equipment (ASDE) systems and more than 100 NORMARC Instrument Landing Systems (ILS) across the country since 1999.

NAV CANADA has selected Indra Navia to supply 15 NORMARC 7000B ILS over the next 2-3 years, as a part of the final phase of its ILS replacement program. Indra Navia was awarded the initial contract in September 2002 for the first phase of NAV CANADA's ILS replacement program. Subsequent contracts for further installations followed and after the program's completion, the NORMARC ILS will have become the standard landing system for NAV CANADA with around 115 NORMARC ILS' in operation.

In addition, Indra Navia's latest generation NOVA 9000 ASDE system has been put into operational use at Toronto International Airport. NAV CANADA and Indra Navia have successfully completed the Site Acceptance Test and final handover for a complete upgrade and system installation, which includes an integration and fusion of two upgraded surface movement radars (SMRs) and a multilateration (MLAT) system. This includes 16 controller working positions, sensor fusion, runway safety logic, the Runway Incursion Monitoring and Conflict Alert System (RIMCAS), false target mitigation, and a complete system support facility for the TSC in Ottawa. 17.6.2015

News from Momberger Airport Information - www.mombergerairport.info

The air navigation services division of Avinor in Norway has implemented a new air traffic management (ATM) system to handle increasing en-route traffic in the North Atlantic. Avinor Air Navigation Services says that it has introduced the new system in response to strong growth in en-route traffic, both in Norwegian airspace, and in the North-Atlantic region in which the company provides air traffic services. According to Avinor, the new system is scalable and tailor-made to handle air traffic services in oceanic areas. It can now provide customers in the NAT-region with new and improved services, and is compliant with NAT-region requirements and EUs Implementing Rules, according to Avinor. In a statement, Avinor said: "We can now provide a high level of automation in the communication between aircraft personnel and air traffic controllers. Datalink services, such as Controller Pilot Datalink Communication (CPDLC), Oceanic Clearance (OCL) and Automatic Dependent Surveillance Contract (ADS-C)." The interaction between neighbouring sectors, such as Iceland, will also be automated via OLDI. **Provided by Adacel, the new system is highly scalable to meet future operational requirements and features functionality to support SESAR initiatives.** #1004.ATC4
