



INFORMASJON FRA ATM NORGE

Nyhetsbrev – Februar 2022

ATM Konferansen 2022

Arbeidet med på nytt å arrangere ATM Konferansen i 2022 har startet. Etter to år med pause på grunn av COVID, ser vi nå muligheten for på nytt å invitere til en ny ATM konferanse i 2022.

Datoen for konferansen er 31.mai 2022 – hold av dagen. Temaet for konferansen er «Luftfart i endring», hvor vi vil gå inn i ulike aspekter av luftfartens utvikling i tiden som kommer, spesielt i retning av mer miljøvennlig luftfart, og hvordan dette også påvirker utviklingen av ATM. De som ønsker å delta bør holde av denne dagen. Ingen deltakeravgift. Konferansen finner sted som vanlig hos NHO og avsluttes som vanlig med middag på en hyggelig restaurant i Oslo.

Nytt fra Indra Navia AS

Indra sikrer trygge landinger i Peru og på Grønland

Indra har vunnet nye kontrakter for leveranse av Normarc landingssystemer via samarbeidspartneren Comsa.

På Grønland vil Indra levere landingssystemer (ILS og DME) til lufthavnene Nuuk og Ilulissat. Indra har bred erfaring med navigasjonsløsninger i arktiske strøk, med systemer installert blant annet på Svalbard og på Sydpolen.

Indra har også vunnet kontrakt for å levere landingssystemet til en ny rullebane ved Jorge Chávez International Airport ved Lima, Peru. Lufthavnen er blant de største i Latin Amerika, og Indra har allerede levert en Normarc ILS for CAT III landinger ved den eksisterende rullebanen.



Indras bakkeovervåkingsystem installert ved Jeju i Korea

Når koreanerne drar på ferie, reiser de gjerne til Jeju Island. Feriestedet er så populært at Seoul – Jeju i flere år har vært verdens travleste flyrute. I 2021 hadde ruten 85 880 flygninger, noe som gir et daglig gjennomsnitt på 235.

Med så mange flygninger er det behov for et tårnsystem som gir god oversikt og situasjonsforståelse. Korean Airport Corporation (KAC) har nå tatt i bruk Indras tårnløsning InNOVA ved Jeju lufthavn. Systemet inneholder avansert funksjonalitet for å ivareta sikkerheten ved den svært travle flyplassen.

Indras tårnsystem er også i bruk ved Seoul's Incheon International Airport.



News from Momberger Airport Information - www.mombergerairport.info

Czech Republic-based ERA Company has announced that its surveillance system installed at Jeju International Airport (CJU) is now fully functional.

The contract was assigned by the customer and end user KAC (Korea Airport Corporation); ERA won the tender due to its previous experience with projects at Incheon airport in the capital Seoul and at Yangyang. ERA provides the MLAT component of the ASGCM-S system at Jeju, which is designed to cover not only the airport area but also 60 nm of the terminal manoeuvring area (TMA). The company cooperated on the project with its trusted partners: Hanjin Information Systems and Telecommunications (HIST), responsible for infrastructure, and **INDRA Navia, providing data fusion.**

ERA has supplied its NEO system, an enhanced version of the ERA traditional product MSS (multilateration surveillance system); the actual installation comprises 14 ground stations based on distributed time and using multilateration and ADS-B technologies. The system is complemented by 30 SQUID squitter beacons serving as the vehicle tracking system. Both systems will help to increase the situational awareness especially in the low visibility conditions caused there by tropical humidity. The greatest challenge of the project for ERA was the installation of ground stations on the island's volcanic spongy surface. #1159.ATC3

Indra, a company which provides consulting services in transportation, defense, energy, telecommunications, among others, announced the digitalization of Peru's air surveillance network, crucial to ensure the fluidity of flights throughout the continent and, therefore, increase the efficiency of operations.

Over the last few years, the company has carried out the modernization of 25 Latin American airports, which has boosted the region's capacity to manage air traffic.

Indra claims that "two out of every three control centers in the continent, including Lima, Peru's main one, handle traffic with Indra systems, which reinforces the interoperability and facilitates a

much more fluid traffic (...) Indra's technologies are contributing to help the main navigation service providers to manage more flights, in a safer and more eco-friendly way".

The company has added eight new stations to ensure the safety of air operations in Peru. "The radars operate in combination with new ADS-B systems, antennas that collect the information that the aircraft emit in an automated way with their position. Once again, accuracy is gained by combining the data collected by the radar with that collected by other means," they reported. Furthermore, this modernization will also stimulate air transport in Peru and the region.

Likewise, the digitalization of radars allows the remote maintenance of the entire network of surveillance stations, increasing the safety of procedures and reducing costs. Actually, under this system, a constant and centralized monitoring of the operation can be guaranteed.

"Precisely to take maximum care of this last factor, last year Indra delivered to Peru a state-of-the-art transportable radar (MSSR-S) ready to be deployed in a few hours to reinforce aerial surveillance wherever it is needed. This system, with a range of 550 kilometers or 300 nautical miles, has made it possible, for instance, upgrading the Lima airport radar without affecting air operations," states the press release issued by Indra.

The Spanish multinational is working to promote the sustainability of operations through the incorporation of state-of-the-art technologies applied to air traffic management. This year it was selected by Eurocontrol, the main air navigation control body in Europe, to carry out the digital transformation at more than 500 airports, through which more than 11 million flights are made every year. #1160.ATC4

Global technology and consulting firm Indra has announced that Korean Airport Corporation (KAC) implemented its InNOVA Tower System at Jeju International Airport (CJU) in South Korea.

Indra's tower system, which is known as the Airport Surface Detection Equipment (ASDE) in South Korea, has been designed to offer a complete view of aircraft, vehicles, as well as other moving objects to the KAC air traffic controllers.

Under the contract, Indra has delivered KAC its InNOVA Tower System, 13 controller working positions as well as a surface movement radar from Terma and a contingency system. The deal was signed as a consortium between Indra, Hanjin Information Systems & Telecommunication and ERA that will offer a multilateration (MLAT) sensor system. Indra claims that its technology will help the KAC operators to have a precise overview and control of the ground traffic. It also added that the advanced safety alerts will further improve their situational awareness.

Implementation of the new system is said to be part of the modernisation and expansion project at Jeju International Airport. Indra International Sales manager Tomas Lubeck said: "Our ground surveillance system is already in use at Incheon Airport in Seoul, as well as in many of the busiest airports in the world. "At Incheon, we proved that we manage to minimise downtime during installation, and that was important to this project. The airport is very busy as Jeju island is the most popular holiday destination in Korea." In October last year, Indra secured a contract from KAC to supply and install its Normarc Instrument Landing Systems and Distance Measuring Equipment. #1162.ATC5

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