

[NEWSLETTER 01/2011]

NUAC company is operational

NUAC HB (NUAC Unified Air traffic Control) is the first integrated service provider in Europe delivering operational support and from mid 2012 also operating the three en route control centres in Copenhagen, Malmoe and Stockholm providing ATM to the Danish/Swedish Functional Airspace Block.

First step was taken 1 January 2011 when the Swedish ANSP LFV and the Danish ANSP Naviair handed over the operational support to the NUAC company.

In 2009, NUAC HB was founded as a joint subsidiary by LFV and Naviair. Through NUAC, LFV and Naviair strive to secure the best position meeting the future challenges in the European ATM industry and comply

with EU's ambitions to harmonise and streamline ATM in Europe.

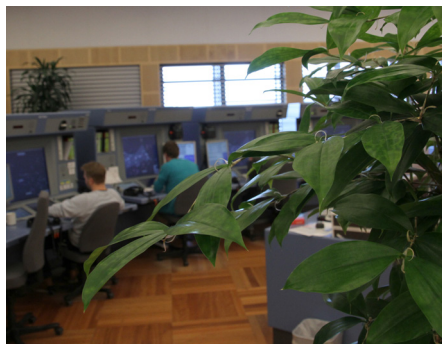
NUAC is a lean and efficient organisation with only 8 persons directly employed. Approximately 170 half and full time employees are now seconded from the mother companies to NUAC Operational Support – situated as before at the three en route centres. The joint NUAC Operational Support delivers e.g. Airspace management, Man power planning, Safety & Security, Training and operational requirements to ATM systems.

In 2012, NUAC will take over the operations and deliver ATM to the Danish/Swedish Functional Airspace Block and the joint subsidiary is going

to create substantial synergies to the benefit of customers flying in Denmark and Sweden.

When NUAC has assumed full operation in 2012, approximately 650 employees will be seconded to NUAC from LFV and Naviair. By then NUAC will be the first integrated and largest en route service provider in the Nordic region.

**From mid 2012
NUAC will deliver
ATM in DK/SE FAB**



Overall principles of NUAC

- The NUAC company was founded in October 2009
- The Danish/Swedish Functional Airspace Block was declared in December 2009
- The NUAC company delivers operational support to Danish and Swedish Control Centres
- The NUAC company shall be certified to deliver Air Traffic Services during 2012
- The NUAC company shall operate the control centres in Copenhagen, Stockholm and Malmoe
- The NUAC company is a registered subsidiary, and contracted by the owners LFV and Naviair to perform and deliver its services
- The national providers Naviair and LFV will continue to own facilities, systems and infrastructure



**NUAC is a lean
and efficient
organisation**

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Striving ahead - The focus areas 2011-2012

Harmonisation

The NUAC joint Operational Support has started the cross-border work of harmonisation of e.g. planning and follow-up procedures, training and optimisation of airspace design in the Danish/Swedish Functional Airspace Block (DK/SE FAB).

Certification

Today, LFV and Naviar are the certified and designated to provide Air Navigation Service (ATS) in the DK/SE FAB. NUAC is to be certified to provide ATS by the national authorities before Full Commencement in July 2012. This major co-operation between NUAC HB, LFV and Naviar was initiated in 2010.

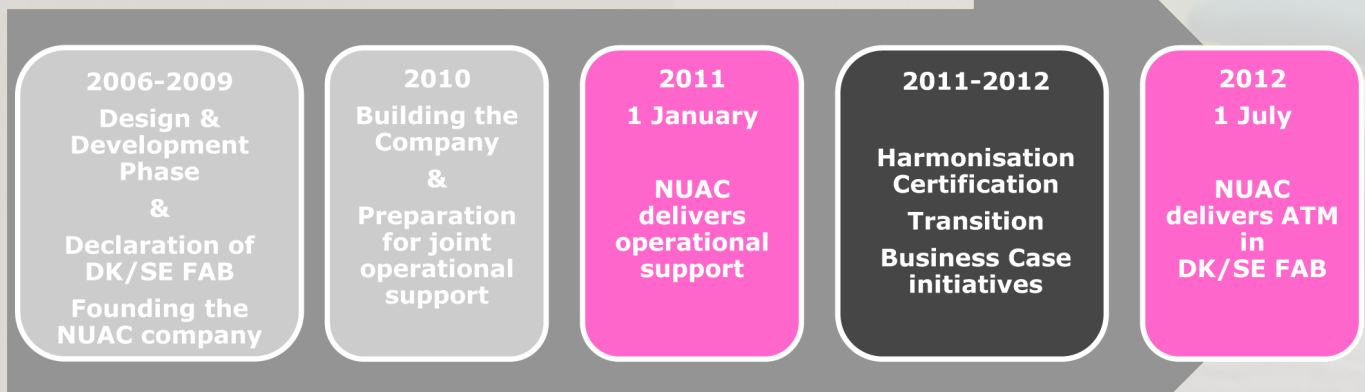
Transition to Full Commencement

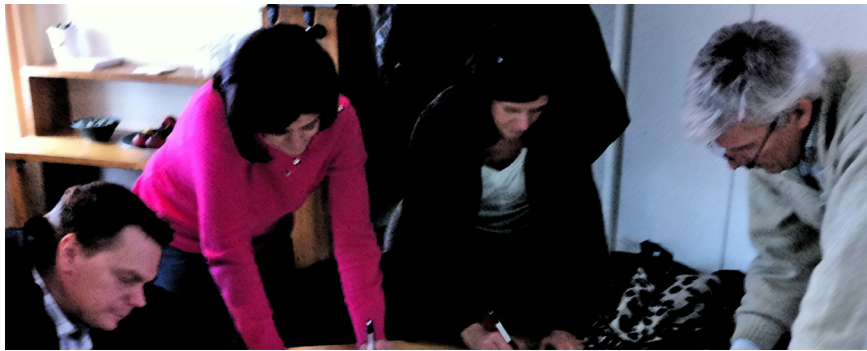
It is expected that the ATCC/FPC in Stockholm, Malmoe and Copenhagen will be integrated in the NUAC company as from 1 July 2012.

Business Case initiatives

With NUAC being an integrated service provider, it is expected that LFV and Naviar will be able to obtain an annual cost reduction of app. € 13M and annual CO₂ savings of 52,000 tons to the benefit of our customers and the environment. A dedicated programme work has been initiated for the long term realisation of the Business Case potentials.

NUAC Timeline





Annual LFV & Naviair internal cost reductions are calculated at € 13M

NUAC Operational Support - With the benefit of synergy and best practice

The priority of actions in the new Operational Support is the change management in harmonisation of ATM planning and follow-up procedures in the DK/SE FAB. The new joint support organisation has been designed to a cross-border co-operation in functional areas e.g. Airspace, Resource Planning, Training.

The NUAC Operational Support will become an efficient organisation and the supporting resources will be allocated to the joint prioritised harmonisation and development tasks and will be able to obtain large-scale operational advantages through flexible use of the employees with highly professional skills and ATM expertise.

NUAC headquarter

The NUAC management is located in office facilities in the Waterfront building close to the central station in Stockholm, Sweden.

Meeting point for the strategic partnerships

This location in Stockholm has also become a natural meeting point for LFV and Naviair regarding the joint subsidiaries and even so a platform for the development of our international strategic programmes and partnerships e.g.:

Entry Point North: Nordic ATS Academy

COOPANS: Consortium concerning harmonisation and joint development of the ATM systems in Ireland, Austria, Sweden and Denmark

NEAP: North European ANS Providers

NORACON: North European and Austrian Consortium. As a member of the SESAR Joint Undertaking NORACON takes part in the development of the future European ATM system

Through the NUAC company and the strategic alliances, LFV and Naviair are striving to secure their best position, meeting the actual and future challenges in the ATM industry.

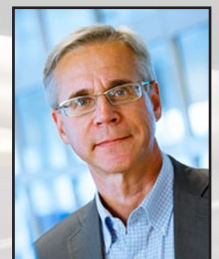
NUAC management



**Peter Fältsjö,
CEO**



**Jesper Skou,
COO**



**Lennart Björk,
CFO**

**Annual CO₂
savings of
52,000 tons**

Facts & Figures DK/SE FAB

Size of airspace: 783,000 km²

(Naviair: 158,000 km² & LfV: 625,000 km²)

Number of Area Control Centres (ACC): 3

(Naviair: Copenhagen & LfV: Stockholm & Malmoe)

Operational working positions: 140

(Naviair: 60 & LfV: 80)

IFR flights (controlled movements 2010): 951,004

Number of Total Service Units (2010): 4.5M

(Naviair: 1.4M & LfV: 3.1M)

CH: Copenhagen ATCC, Naviair

MM: Malmoe ATCC, LfV

OS: Stockholm ATCC/FPC, LfV

HQ: NUAC company headquarter, Stockholm

The NUAC company is co-owned (50/50) between Naviair and LfV. When fully implemented mid 2012 the NUAC company will plan, deliver and follow up on Air Traffic Services (ATS) in the Functional Airspace Block – as one common en route Service Provider. The NUAC company will act as a Subcontractor to the owners LfV and Naviair.

This allows a possibility to implement substantial synergies for the benefit of our customers, the passengers as well as the society and environment through reduction of flight time and fuel as well as a generally less expensive yet more efficient air traffic control.

The NUAC programme phase and development of the Danish/Swedish FAB was co-financed 2006-2010 by the European Union's TEN-T programme.



NUAC board



Morten Dambæk,
Chairman
CEO, Naviair



Thomas Allard,
Deputy Chairman
Director General, LfV

The NUAC board has 10 members.



nordic unified air traffic control

NAVIAIR



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