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DSNA and DFS introduce common safety net system CoSNET

The French air navigation service provider (ANSP) DSNA and the German ANSP DFS Deutsche Flugsicherung have jointly developed the safety net system CoSNET (Cooperative Safety Nets). The ANSPs started to cooperate in 2008 in order to enhance the safety of operations in their area control centres and major approach control units.

DFS introduced CoSNET at its largest control centre in Langen near Frankfurt in December 2013. The implementation at the Munich and Bremen control centres for lower airspace will follow in the second half of 2014. DSNA plans to successively replace the existing safety net servers with CoSNET servers, beginning in autumn 2014 at its approach control unit in Strasbourg.

The development of CoSNET is based on the experience of DSNA with its safety net system which has been in service since 1996. More than eighteen French approach control units already operate with Minimum Safe Altitude Warning (MSAW), Short Term Conflict Alert (STCA) and Area Proximity Warning (APW).

"The collaboration was exemplary. Results of CoSNET will be integrated in our future ATM system. The shared contracting of the development of this new safety net system has led to significantly reduced procurement costs," said Maurice Georges, CEO of DSNA.

Klaus-Dieter Scheurle, Chairman and CEO of DFS, added: "The common project resulted in better cost-efficiency for both partners. The safety net services provided by CoSNET are contributing to the future of ATM and further enhance the safety of operations."

All interfaces and functionalities in CoSNET are in compliance with EUROCONTROL specifications.

Sogeti High Tech was selected as industry partner to provide system development and maintenance for CoSNET. Sogeti integrated an Approach Path Monitor (APM) and adapted the system interfaces to allow CoSNET to interact fully with the adjacent components in the users' ATS systems. CoSNET can provide the safety nets MSAW, STCA, APW and APM.

Ends

About DFS

DFS Deutsche Flugsicherung GmbH, the German air navigation service provider, is a State-owned company under private law and has around 6,000 employees. DFS ensures the safe and punctual flow of air traffic over Germany. Around 2,000 air traffic controllers guide up to 10,000 flights in German airspace every day, and about three million movements every year. The company operates four control centres as well as 16 control towers at international airports in Germany. In addition, DFS is represented at the EUROCONTROL Control Centre in Maastricht, the Netherlands.

About DSNA

DSNA (Direction des Services de la Navigation Aérienne) is the French air navigation service provider within Direction Générale de l'Aviation Civile (DGAC). DSNA handled 2.8 million flights in 2013. DSNA is a member of FABEC, SESAR JU and the A6 Alliance.

Key Data: Five ACCs and 81 control towers and three overseas regional structures / Staff: 7,700 / Absolute record in one week: 66,011 flights from 1 to 7 July 2013 (9,430 flights per day on average)

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DFS

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