



**ÚDARÁS EITLÍOCHTA NA HÉIREANN**  
**IRISH AVIATION AUTHORITY**

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**To Whom it may concern.**

**ASMGCS at Dublin Airport.**

The IAA Dublin A-SMGCS with fully integrated Multilateration MLAT system and interfaces with the THALES EUROCAT and ASTRE SMR went into operation on 27<sup>th</sup> October 2009 at 16:00.

Following a comprehensive and stringent tendering process the contract for the supply, installation, and integration of an A-SMGCS System at Dublin Airport including MLAT was awarded to HITT with the Multilateration MLAT component being supplied by the ERA of the Czech Republic, a subsidiary of SRA of the United States.

ERA undertook a wide ranging survey of the Dublin Airport topography to ensure that all 21 of the chosen MLAT sites gave the optimum coverage and redundancy as outlined in the IAA Technical Specification. Of the 21 sites six are co-mounted transmitter and receiver sites. The delivery also included 5 Squid Vehicle Transponders. A further 54 were purchased by the Dublin Airport Authority. The MLAT system is fully dual redundant with backup fibre lines, Tracking, and Maintenance Processors.

The installation phase of the project was challenging given the diversity and complexity of the chosen sites. The ERA installation team quickly overcame installation problems by being flexible and adapting to each situation as it arose, ensuring installation timescales were met.

HITT and ERA are seen as highly professional companies whose product is manufactured to the highest standards and who supply a reliable and timely installation, which integrated seamlessly into the live ATM environment. The implementation of the A-SMGCS project proceeded to the satisfaction of all those involved, and is acknowledged by all users both technical and operational as being a high quality and reliable system.

**Derek Slater**

**ATM Specialist A-SMGCS Project Manager**