

SYSTEMS INTERFACE to upgrade Navigation Systems at Donegal Airport in Ireland

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Systems Interface Ltd has been awarded a contract to deliver a key upgrade to the Instrument Landing System (ILS) at Donegal Airport, enhancing operational safety and reliability during low-visibility approaches. The project includes the supply, installation, commissioning, training, and flight calibration of the new systems.

The delivered equipment includes a new Localiser (LOC) and Distance Measuring Equipment (DME), replacing systems originally installed by Systems Interface in 2010. These systems are essential for precision landings in adverse weather conditions. Systems Interface will also support the development of the safety case in line with EASA (European Union Aviation Safety Agency) regulations.

“Having delivered the original system, we had in-depth knowledge of Donegal’s airfield systems. This positioned us perfectly to implement a cost-effective upgrade by reusing existing infrastructure and avoiding unnecessary civil works,” commented David Chandler, Sales and Business Development Director at Systems Interface.

The ILS provides approach guidance via two key components: the Localiser (LOC), which transmits lateral signals to align the aircraft with the runway centreline, and the Distance Measuring Equipment (DME), which calculates the aircraft’s distance to the runway by measuring the time delay of radio signals exchanged with a ground station.

The upgraded system is expected to become fully operational during 2025, reinforcing Donegal Airport’s commitment to safe and efficient regional air service.

About Donegal Airport

Donegal Airport is a strategically important regional hub, handling over 50,000 passengers annually. It offers vital connectivity through twice-daily flights to Dublin and a growing seasonal route to Glasgow. Internationally recognised for its dramatic coastal location, Donegal has been voted the world’s most scenic airport landing multiple times. It serves as a key economic and tourism gateway to Ireland’s rugged and remote North-West.

About Systems Interface | Member of the Frequentis Group

Systems Interface is UK based Global Air Traffic Management (ATM) systems integrator providing full Air Traffic Management (ATM) capabilities encompassing the delivery of turnkey solutions in the domains of navigation, ATC towers, communication, surveillance, meteorology, solar airfield lighting and technical design consultancy.

Systems Interface, based in Bordon, Hampshire, is a member of the Frequentis group, headquartered in Vienna. In 2024, Systems Interface were awarded the prestigious Kings Award for Enterprise in the International Trade category.

Systems Interface has an established reputation for delivering Total Airport Solutions to the highest quality standards with an unwavering commitment to excellence and customer satisfaction.

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