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FREQUENTIS sails into the Port of Hamburg

The Hamburg Port Authority revamps communication systems at its command centres.

The Authority awarded Frequentis the contract in December 2007, with completion expected mid-2008. The company will reequip the nautical and emergency control centres with the very latest communication systems.

The Port of Hamburg is the second largest in Europe and one of the world's most productive trade centres. The Port Authority enjoys an excellent international reputation and manages a wide range of responsibilities. These include, for example, port infrastructure and shipping safety. Each year sees the port set new trade records: 135 million tonnes of seaborne cargo passed through its docks in 2006. Continued growth in recent years has reinforced Hamburg's position as a leading container port.

Demanding technical requirements

The demands placed on technical systems allowing the efficient control of shipping traffic are extraordinarily tough. Which is one of the reasons the Hamburg Port Authority decided it was time to upgrade their two control centres with the very latest technology.

The project was put out to worldwide tender and awarded to Frequentis, the specialists for communication and information systems in safety-critical applications. The Frequentis proposal was seen as the best technical solution to the demands of the project. The company's global references and successful implementation of a new system for the Bremen Waterways and Shipping Authority (WSA Bremen) were also convincing arguments in its favour.

An innovative solution from Frequentis

The Frequentis solution is based on its proven voice communication system for maritime applications – the MCS 3020X. Both the nautical control centre (10 positions) and the emergency control centre (6 positions) will be equipped with this system. The Frequentis solution includes both standard radio functions and additional specific features supporting traffic management on inland waterways, such as ATIS (Automatic Transmitter Identification System).

Frequentis is taking an innovative approach with this solution. Different communication services and identification technologies for inland shipping are brought together within a uniform system...with a consistent and optimized user interface. The main benefits for the customer are increased traffic capacities and the reliable management of even the most stringent safety requirements.

Other special features include radar over IP and the integration of all radio stations. The IP-based network for data and communication makes the Hamburg Port Authority a technical trendsetter.

This contract is another key strategic success for Frequentis. Dr. Christian Pegritz, executive board member at Frequentis, notes with satisfaction that "...we've succeeded in reinforcing and growing the position of Frequentis Maritime in the German marketplace". Frequentis first entered this market with a contract from WSA Bremen for a maritime communication system. This launched successfully in October, 2005.

Background information on the Hamburg Port Authority

Background information on the Hamburg Port Authority can be found at its website: www.hamburg-port-authority.de

Background information on Frequentis

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