

# New VTS and navigational simulators provide shore-based solutions

Transas Ltd, Cork, Ireland

## Vessel Traffic System upgrade for New Zealand's largest port

Transas and local partner ENL are delighted to announce the completion of a VTS upgrade for the Port of Auckland, New Zealand. The port now boasts the latest version of the Transas Navi-Harbour software, developed to prioritise customer needs and the latest international VTS regulations. The system radar processing has been significantly improved to include the new Transas radar processor, and a new four-monitor VTS operator station has been installed. Following a rigorous testing programme, the upgraded VTS was successfully launched in July 2006. This new system offers effortless expansion and integration with neighbouring VTSs.

In the beginning of 2000, New Zealand's largest port – Port of Auckland – chose the Transas VTS 'Navi-Harbor' as a cost effective and efficient tool to control vessel traffic and improve safety on navigation in the Ports of Auckland (PoA) region.

The VTS then comprised one remote-controlled radar site and a single-monitor VTS operator workstation, with recording/playback facility and VHF communication system in the Control Centre. The PoA has been impressed by the proven system reliability and sophisticated functionality over the last six years, and these factors became a key part of the selection of Transas to upgrade the existing VTS.

Now approximately 60 per cent of New Zealand's imports by value and 40 per cent of the country's exports by value pass through the port of Auckland. In view of the importance of early information on the movements of import and export container cargoes, Ports of Auckland commissioned Transas to upgrade the existing system, to include integration with New Zealand's existing AIS Network and its AIS and radar targets.

## New navigational simulator instillation in South Korea

MECys (Transas Group distributor in Korea) has successfully secured a turn-key project for a major institution in South Korea. The project, an Integrated Navigation & VTS Training Centre (INVTS) for Pukyong National University, comprises three sets of Navi-Trainer 4000 Professional Bridges with two Navi-Harbour VTS Modules, and one set of Navi-Sailor 3000-I and Navi-Radar 3000-I with two Navi-SVDR modules. The project also includes two sets of ECDIS and ARPA Radar from JRC and FURUNO. One Gyro Compass, one UAIS transponder, one DGPS, one anemometer and two sets of 660mm CCTVs are also included in the scope of supply.

It's not the first time that Pukyong National University has chosen Transas. Previously called the National Fishery University of Korea, the school purchased Navi-Trainer 2000 Professional Simulator in 1998 as the first simulator supplied by Transas Group in South Korea. Professor Daejae Lee, Project Supervisor at the university, said "We are very satisfied with the amazing improvement in performance of Navi-Trainer 4000 Professional, and appreciate the support given by our local Transas Group distributor, MECys."



Port of Auckland VTS system, Control Centre (after upgrade).



Transas to install navigational simulator in South Korea.

### ABOUT THE COMPANY

Upon successful completion of the installation, Yongdae Kim, MECys Project Manager for INVTS, commented, "At the beginning of this project, we worried much about it because it has been more than seven years since MECys distributed Transas products. But now we're delighted to be working with Transas once again. We secured the project successfully with great support from Mr. Dmitry Semenov (General Manager of Transas Marine Pacific PTE Ltd.), Mr. Ruslan Kravchenko (Manager of Transas Marine Pacific PTE Ltd.), the other members of Transas Marine Pacific PTE Ltd. and the Transas PR & Marketing support team."

Transas is a developer and supplier of a wide range of software, integrated solutions and hardware technologies for the aviation and marine transportation industry, including both onboard and shore-based applications. Currently, the number of Transas employees worldwide exceeds 1,000 people, while Transas products are being distributed and supported by a vast network of representative offices in some 100 countries. All the development and quality control procedures are carried out in accordance with the ISO-1994:9001 standard.

### ENQUIRIES

Transas International office  
10 Eastgate Avenue, Eastgate Business Park, Little Island, Cork  
Ireland

Tel: +353 (0) 21 4 710 400 Fax: +353 (0) 21 4 710 410  
Email: [information@transas.com](mailto:information@transas.com) Website: [www.transas.com](http://www.transas.com)