TRANSAS SIMULATORS FOR KOREA COAST GUARD

It was reported in November that Transas Marine in collaboration with local agent Mecys announced completion of the prestigious simulator complex project for the Korea Coast Guard Academy (KCGA). It is understood that hardware integration and achievement of a level of realism makes this simulator complex unique. Within the project, Transas has developed models for bridge and engine room simulators matching the layout of Korea Coast Guard vessels.

These installed simulators include the full mission engine room simulator Type ERS 5000 which is a replica of the installation in the PV3000 Korea Coast Guard craft, along with four specific full mission bridge simulators and a integrated gunfire simulator.

Ten real Korea Coast Guard surveillance radars are simulated by Transas NTPRO 5000 software. A full mission VTS simulator with six operator workplaces and an oil spill combat laboratory with ten operator workplaces can operate in the common environment with the full mission bridge simulator.

This functionality provides training in oil spill response for all involved parties. Transas’s Engine Room Simulator lab with 30 workplaces will be used for the training of engineers. A navigational laboratory with 30 part-mission bridges with one visual channel each, conning, radar and ECDIS stations will enable the creation of various scenarios for Korea Coast Guard Academy cadets.

About the Korea Coast Guard
The Korea Coast Guard is responsible for maritime safety and control off the coast of the Republic of Korea. The service is an external branch of the Ministry of Maritime Affairs and Fisheries in peacetime. The KCG has its headquarters in Songdodong, Incheon, and has a vast number of smaller operating stations along the coast of the Korean Peninsula. KCG operates four classes of heavy vessels (over 1000 tonnes), three classes of medium vessels (over 250 tonnes), and three classes of light vessels (speedboats over 30 tonnes). The KCG also uses several types of special purpose watercraft, such as firefighting vessels, barges, high-speed scout boats, light patrol craft, and hovercraft.

The Korea Coast Guard Academy
The new Korea Coast Guard Academy facilities including various administrative complexes covering a huge area near the city of Yeosu and will open its doors to the first groups of cadets early next year. This newly acquired simulation complex will become a valuable national asset and contribute to the proficiency of maritime education and provide further cost savings in training of Korea Coast Guard officers.