

EdgeTech 4200 Sidescan Sonar for Finnish Patrol Vessel



STX Finland and the Finnish Border Guard signed an agreement in December 2011 on the construction of an offshore patrol vessel. The vessel, which was recently named Turva at a festive naming and launching ceremony, is being built at the STX Rauma Shipyard and will be handed over to the customer at the end of 2013.

The vessel is 96 metres long and 17 metres wide and will be capable of serving a large variety of functions and purposes. The main duty of the offshore patrol vessel is to operate in open sea patrol. In addition to ensuring border safety and serving defence purposes, the vessel will be used for other functions such as prevention of environmental damage, search and rescue, and different underwater assignments - often performed under rough maritime conditions.

The vessel is equipped with an EdgeTech 4200 sidescan sonar system that can be configured for almost any survey application from shallow to deep water. The EdgeTech 4200 can be used for missions ranging from cable and pipeline surveys and channel conditioning/clearance surveys to geohazard, geological and geophysical surveys. EdgeTech's dual simultaneous frequency system operating with its Full Spectrum CHIRP Processing provides short and long range resolutions and provides successful results in challenging environments. To effectively handle vessel sonar deployment, STX Finland has selected a MacArtney CORMAC 5 winch, which was acquired by STX Rauma Shipyard through the Finnish MacArtney representative, Arwell-Tekniikka Oy.

<https://www.hydro-international.com/content/news/edgetech-4200-sidescan-sonar-for-finnish-patrol-vessel>
