

## Live demonstration of Trittech's side scan sonar at Ocean Business

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The hands-on, ocean technology exhibition Ocean Business will showcase on-water demonstrations of side scan sonars, developed by Trittech International Ltd. The new, comprehensive range of side scan sonars have been tailored to suit requirements for imaging in shallow and deep waters. Building on the success of the advanced side scan sonar systems Trittech complete the family with the next generation model, the daddy of the family: The SeaKing Towfish SK150 DST. Specifically designed to fly at depths of up to 120 metres, the SK150 can be used for high resolution surveys at depths other lighter systems can't reach.

Malcolm Johnston, Trittech's Sales & Marketing Manager says: "Our offshore demonstration sessions on board Bill Conway will provide an ideal platform to demonstrate the capabilities of Trittech's side scan family. Whether it be the lightweight StarFish or the deeper rated SK150, Trittech has a towfish for every application. All our towfish share the same approach to offering high quality data acquisition at a reasonable price."

Trittech side scan sonars combine the very latest Trittech DST (Digital Sonar Technology) electronics with industry leading transducer design. Digital CHIRP signal processing techniques dramatically improve range resolution and generate sonar images of unprecedented clarity.

As part of the Trittech SeaKing suite of survey sensors, it is possible to add other Trittech sensors such as the Micron Echosounder to the system and run them over one communication link.

Trittech SeaNet Pro software can be loaded on to a PC to control and display the towfish data. Alternatively the data can be input directly to a Trittech SeaNet Surface Control Unit.

The system will take GPS position information and display it with the towfish data allowing a 'fix' to be taken of the target. The post processing 'DumpLog' utility program will convert the data file to XTF or CSV format allowing the converted file to be imported into a standard third party mosaic package. GEO referenced TIF image files can also be produced which can be used as an alternative if no mosaic package is available. The DumpLog utility will also convert data files to KMZ format allowing users to overlay display data on Google Earth positional displays.

Visitors to Ocean Business 2009 will find the complete side scan family on the Trittech Stand D6. Trittech will be providing Ocean Business delegates with the opportunity to test-drive a side scan sonar system. If you wish to attend a training session or register interest in one of the hands-on demonstrations please e-mail [lisa-mann\[at\]tritech\[dot\]co\[dot\]uk](mailto:lisa-mann[at]tritech[dot]co[dot]uk)