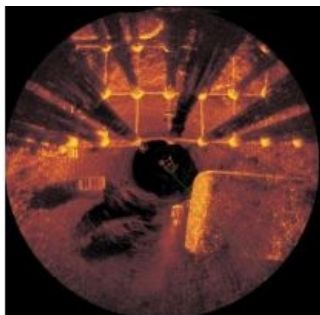


SeaKing Hammerhead DST Sonar



Tritech International has launched its new addition to the SeaKing family of imaging scanning sonar products - the Hammerhead scanning sonar. The unit can create higher resolution imagery than comparative mechanical scanning imaging sonars by utilising a large transducer aperture, very fine mechanical step size and proven Digital Sonar Technology.

As standard the SeaKing Hammerhead sonar has two frequencies of operation: a high chirped 935 kHz frequency to enable high resolution imagery, and a second chirped frequency, 675 kHz, to allow for long range capability. The wide transducer allows for a very narrow horizontal beam to be created on both frequencies, to increase image resolution.

The Hammerhead has a built-in attitude sensor, which makes the unit ideal for tripod deployment, giving the user a clear indication of the position of the unit relative to the seabed. In addition to the attitude sensor, the unit also has an integrated three axis compass, to allow the sonar image bearing to be continually displayed and updated.

The Hammerhead unit can easily be networked with existing SeaKing equipment; or if operated on its own, the unit will automatically establish communications with little input required from the user.

Commenting on the launch, Tritech's Product Line Manager for Imaging Sonars, Ben Grant, said:

'The Hammerhead sonar is at the forefront of scanning sonar technology, and is an ideal addition to the well established SeaKing range. The high operational frequency, combined with a wide transducer aperture, makes this the sonar of choice for any application requiring the highest possible resolution of imagery.'

<https://www.hydro-international.com/content/news/seaking-hammerhead-dst-sonar>
