

Side Scan and Bathymetric Sonar System

L3 Klein's HydroChart 5000 side-scan bathymetric sonar system displays and processes of accurate bathymetry data integrated with high-resolution side-scan imagery, meeting IHO SP-44 Special Order Standards. The instrument utilises a phase-difference measurement technique and linear FM (Chirp) processing.

The HydroChart 5000 may be hull mounted or pole mounted and is easily integrated with commercial positioning and motion sensing systems. It is a true hydrographic tool to effectively and precisely measure depths with a swath of up to twelve times the water depth.

L-3 Klein's SonarPro acquisition and processing software saves HydroChart 5000 bathymetric and side-scan data in industry-standard file formats which allows it to be post processed using third party data processing packages, such as Caris and Hypack.

<https://www.hydro-international.com/content/news/side-scan-and-bathymetric-sonar-system>
