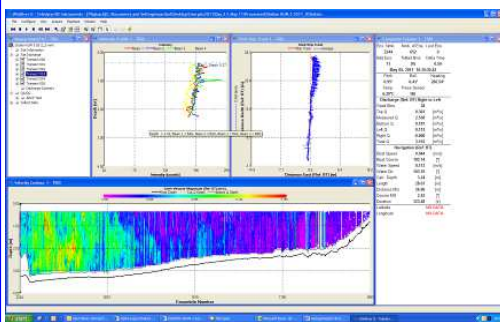


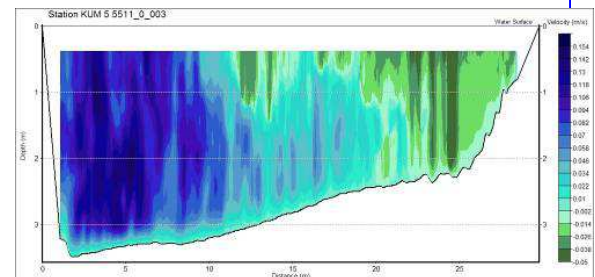
# Acoustic Doppler Current Profilers (ADCP)

The use of acoustic flow measurement devices are widespread within the field of hydrometry. Hydro-Logic Services have considerable experience in the use of these instruments and undertake routine data collection alongside innovative methods of collecting and using the data.

HLS' core hydrometry team have unrivalled experience in the use of ADCPs including research and development work, input on the international standard and a large range of clients in the UK and overseas. Our staff undertake both spot flow measurement and design and installation of continuous acoustic gauging stations.



Detailed velocity data returned from the ADCP unit provides additional value for scour studies, 3D model verification, ecology studies etc. Skilled practitioners and bespoke processing software can provide information and plots tailored to an individual clients requirements.



HLS operate with Teledyne RDI equipment which has widespread global use including the UKs Environment Agency. Within our field teams we hold three StreamPro units and one Large Rio Grande boat. We also have two high flow boats for monitoring in high velocities. The Rio Grande can also be deployed using our radio controlled Qboat for monitoring in larger water bodies.



As well as providing an unmatched level of field service in the use of ADCPs as part of our suite of training courses we can provide a bespoke training course for ADCP practitioners. This generally includes both classroom based tasks and practical field elements allowing data to be collected in line with ISO/TR 24578.

For more information on ADCP please contact Martin Dibley on: 01884 820408 or [mdibley@hydro-logic.co.uk](mailto:mdibley@hydro-logic.co.uk)

Hydro-Logic Services are independent consultants delivering expert advice and services in field hydrometry, design hydrometry, flood services and water resources. Bespoke field monitoring solutions are undertaken with our sister company ISODAQ technology.