

NetSurvey Multibeam Advances

NetSurvey have recently completed two contrasting projects which they claim advance multibeam technology. The first project was for Pacific Engineering Company (PECO) in Russia and involved supplying personnel, software and multibeam hardware for an Ice Scour survey prior to pipelay operations. The survey, using Resonance's 8125 highest resolution multi-beam echosounder, identified sand wave fields whose height was only 3cms and easily determined the 20-30 cm deep ice scours. A total of nearly 1.8 Billion soundings were collected over the 31 days of survey, which works out at an average of 660 soundings per second. This data was handled by a software combination of QINSy, CARIS HIPS and Fledermaus.

The second project was in the new and developing field of marine archaeology. Wessex Archaeology was tasked with creating base maps for various high profile wreck sites along the south coast of England. Exquisite detail of the wrecks was captured using an 8125 coupled with a POS MV and the results analysed using Fledermaus 3D visualisation.

<https://www.hydro-international.com/content/news/netsurvey-multibeam-advances>
