



Testimonial:

Marine Institute of Ireland

RE: September completion of the Marine Institute of Ireland's 2003 Seabed Survey.

The Marine Institute of Ireland employed BOT's Moving Vessel Profiler 200 as part of their equipment aboard the survey vessel *R.V. Celtic Explorer*.

The R.V. Celtic Explorer surveyed 9717 square kilometres and 34,201 line kilometers in 101 operational days. This was 41% more coverage than had been expected. 776 sound velocity profiles were taken during the survey season, of which 652 were obtained using the MVP.

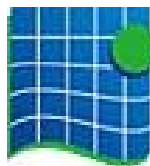
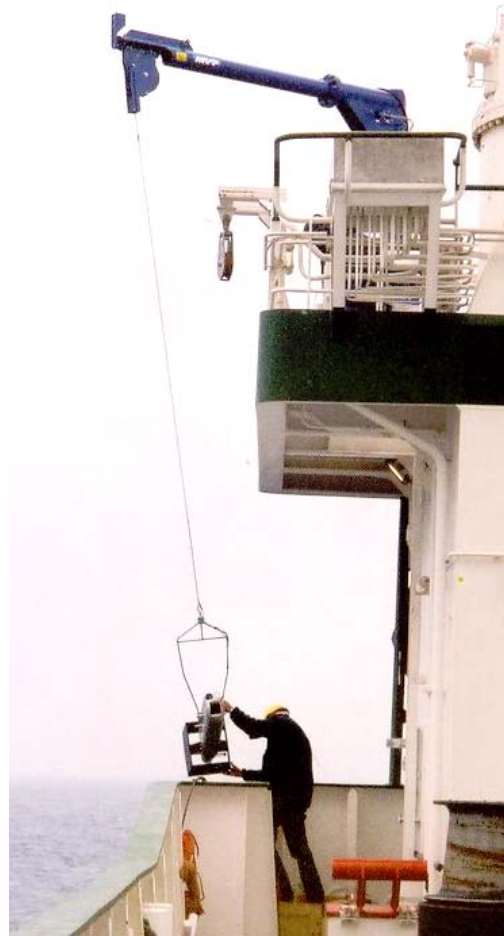
"The Moving Vessel Profiler proved to be a great time saver with its ability to be deployed underway. Each velocity profile newly acquired by the Moving Vessel Profiler was injected into the EM1002 swath bathymetric system without having to stop the line..." - *from the cruise update report*

"...The MVP has proven itself to be a superb piece of equipment..."- *Guy Westbrook, PhD, Ocean Science Services division of the Marine Institute of Ireland*

With an average operating speed of 8 knots, the vessel is equipped to gather sea floor information utilising state-of-the-art hydrographic and geophysical equipment. The vessel is equipped with a Kongsberg Simrad EM1002 multibeam echo sounder and a Kongsberg Simrad EA600 multi-frequency single beam echo sounder. A Geometrics G881 Magnetometer towfish is also towed aft of the vessel. The MVP's 1-metre plane of operation allows multiple towed instruments to be deployed simultaneously.



R.V. Celtic Explorer (MVP location circled)



Marine Institute
Foras na Mara

