

SMARTSkills 2016: Research Vessel Equipment and Instrumentation
Marine Institute, Oranmore
Friday 29th April 2016

	Brendan the Navigator	Auditorium
08:30-09:00	Registration	
09:00-09:10	Welcome and Overview (Auditorium) Aodhan Fitzgerald, RV Ops and Dr Pauhla McGrane, SMART	
09:10-09:35	MaxSea Chart Plotter Systems for Scientists: displaying planned cruise track or sampling locations directly on the vessel's navigational system. Dr Hans Gerritsen, Marine Institute	
09:35-10:00	Getting the most out of the Shipboard Computer System (SCS) Lukasz Pawlikowski, P&O Maritime	
10:00-11:00	Parallel Session 1 Acoustic Doppler Current Profiler (ADCP): Principles of Operation and Setup Dr Christian Mohn, Aarhus University	Parallel Session 2 IXSEA Blue Echoes Sub Bottom Profiling: Practice & Processing Laurent Mattio, IXSEA Blue
11:00-11:30	Coffee break	
11:30-12:30	Acoustic Doppler Current Profiler (ADCP): ADCP Data Acquisition, Processing and Visualisation Dr Christian Mohn, Aarhus University	IXSEA Blue Echoes Sub Bottom Profiling: Practice & Processing Laurent Mattio, IXSEA Blue
12:30-13:00	Stationary ADCP and Landers: A practical guide Guy Westbrook, Marine Institute	IXSEA Blue Echoes Sub Bottom Profiling: Practice & Processing Laurent Mattio, IXSEA Blue
13:00-13:30	Lunch Group 1: 13:00-14:00	What can we sample? Equipment Pool Overview John Barry, P&O Maritime
13:30-14:00		Lunch Group 2: 13:30-14:30
14:00-14:30	What can we sample? Equipment Pool Overview John Barry, P&O Maritime	
14:30-15:30	Parallel Session 3 CTD-rosette systems: Principles of Operation and Setup Gordon Furey, P&O Maritime	Parallel Session 4 Kongsberg Multibeam Mapping: Using the Seafloor Information System (SIS) Torunn Haugland, Kongsberg
15:30-15:45	Break	
15:45-16:45	CTD-rosette systems: Data acquisition and basic processing Gordon Furey, P&O Maritime	Kongsberg Multibeam Mapping: Using the Seafloor Information System (SIS) Torunn Haugland, Kongsberg
16:45-17:00	Debrief and Wrap up	