

METHOD	TECHNIQUE	TYPE OF DATA	SUBDIVISIONS
REMOTE SENSING	Acoustic	Seafloor maps	Side-scan sonar
			Multibeam
	Acoustic	Sub-bottom imaging (2D and 3D)	Conventional echosounder
			Chirp
			Parametric echosounder
			Boomer
Sparker			
VHR 3D imaging			
Lidar (Light Detection and Ranging)	Seafloor maps (topography)	Airborne Lidar Bathymetry	
Electric, electromagnetic & gradiometric	Bottom and sub-bottom resistivity and magnetic (2D and 3D)	Resistivity (electric and electromagnetic)	
		Magnetic (Gradiometry)	
DIRECT INVESTIGATION	Coring and sampling from surface	Geological/archaeological/environmental	Vibrocore, gravity core, grabsample
	Diving	Geological/archaeological/environmental	Survey by divers
			Excavation by divers
Coring by divers			
PLATFORMS	Submersibles	Wide spectre of data	ROV
			AUV
PHOTOGRAPHIC		Exposed seafloor	Camera - remotely operated
			Videocamera - remotely operated