All maritime activities, including the development of marine renewable energies, require detailed hydrographic information if the activity or development is to be conducted in a safe, efficient and environmentally friendly manner. The required information includes, but is not limited to, seabed topography and composition; water level variation; wave statistics and the occurrence of severe marine conditions. Based on this information a wide range of nautical charts and other products can be prepared to assist in the establishment of the infrastructure required for generating marine renewable energy. Detailed information regarding the position