

PCI Geomatics Technology Assists the European Space Agency

PCI Geomatics is helping to create the next generation of automated coastal maps through its contributions to the COASTCHART project. The COASTCHART project, led by LogicaCMG, is entirely funded through the Data User Element (DUE) of the European Space Agency's (ESA) Earth Observation Envelope Programme (EOEP). Once completed, the project will allow for the delineation of 6,000 kilometers of western African coastline, and will also enable standard navigation charts to be updated from space-based observations.

ESA's COASTCHART project aims to develop and qualify a coastline information system that provides satellite-derived coastal maps suitable for operational use by hydrographic organizations.

The French and UK Hydrographic Organizations (SHOM and UKHO) are two main users of COASTCHART.

Through Geomatica 9, PCI Geomatics is providing LogicaCMG with the core image processing, image interpretation, Web mapping, and GIS-based cartographic chart environments for the COASTCHART system.

Geomatica 9, the image processing, spatial analysis, and mapping tool suite created by PCI Geomatics, will be crucial for the COASTCHART system. Through Geomatica's software development kit, spatial data from multiple sources will be processed and integrated, allowing the COASTCHART system to function efficiently.

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