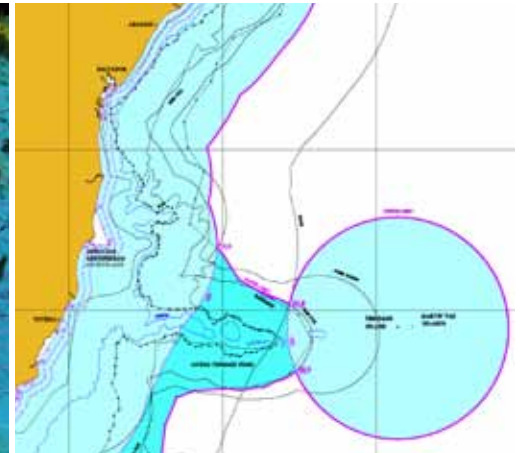
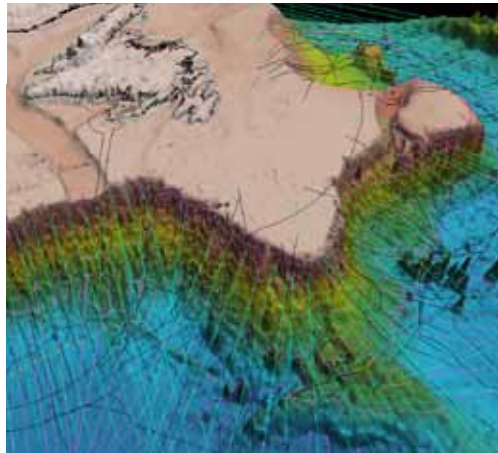
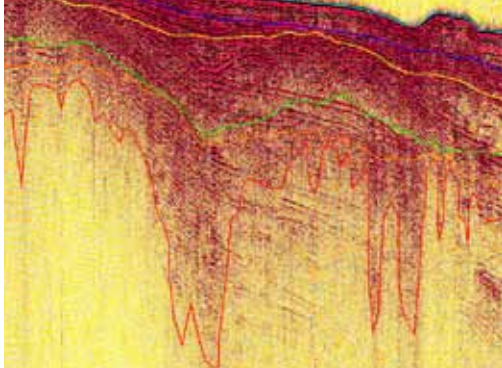


CARIS

LOTS



Developed in close cooperation with government agencies and academic institutions, LOTS™ is the number one GIS solution for accurately defining your territorial sea or other maritime limits and boundaries.

Over 70 countries have already chosen LOTS to aid in maritime boundary delimitation negotiations or map their extended marine sovereignty in accordance with United Nation Convention on the Law of the Sea (UNCLOS) Article 76.

Precise geodetic tools allow for efficient delineation of maritime limits and boundaries, making LOTS a must have tool for marine spatial planning and mineral and resource management.

MAXIMIZE THE OCEANS' POTENTIAL

The Complete Solution

The LOTS software provides a complete set of tools to enable coastal states to submit a claim under UNCLOS Article 76. This includes the ability to determine the geomorphological foot of the continental slope and the ability to create the constraints and formulae lines defined in the Scientific and Technical Guidelines of the Commission on the Limits of the Continental Shelf. It is also used extensively in non-Article 76 applications, such as to provide solutions for maritime boundary disputes or for building the cadastral fabric for effective marine management.

Robust Algorithms

The LOTS software contains sophisticated and robust geodetic tools allowing the creation of median and equidistant lines, equiratio lines, envelope of arcs, bisectors, loxodromes and geodesics. These capabilities enable you to carry out your Law of the Sea work to the highest standards and with complete geodetic confidence.

"CARIS LOTS was a breakthrough in the development of software tools for constructing the outer limits of extended continental shelves in accordance with the provisions of UNCLOS Article 76. As such CARIS LOTS has gained widespread usage around the world"

-Ron Macnab, Geological Survey of Canada (Retired)



Greater Interoperability

LOTS Limits and Boundaries™ as an add-on in CARIS BASE Editor™ provides users with access to a variety of new tools for further analysis of boundaries and baselines, including the use of the powerful 3D visualization engine. A variety of industry vector, cloud and raster formats are accessible allowing for better interoperability with other systems and easy product creation. In addition, the system provides a



LOTS

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platform for working with IHO S-57 standards and transitioning to the new S-121 Maritime Limits and Boundaries product specifications under S-100.

Database Efficiencies

The LOTS Limits and Boundaries tools as an add-on in CARIS HPD™ allows territorial or archipelagic baselines, as well as maritime limits and boundaries, to be defined and maintained within a relational database environment. This can provide huge efficiencies for organizations that need to revisit baselines and maritime zones delineations frequently, or define new maritime boundaries with neighbours.

Assisting Universities

Many academic institutions that have programs relating to maritime law and marine spatial planning are using the LOTS software as an integral part of their

curriculum. Teledyne CARIS encourages this by making the software available to universities for a greatly reduced price. The academic version of the software contains all the functionality of the full package but is constrained to a geographical area of interest.

Ping-to-Chart™

As a standalone system, LOTS has all the tools required to determine your maritime limits and boundaries. When used in conjunction with other Ping-to-Chart products, it provides enhanced analysis capabilities and can produce essential content for map or chart. Teledyne CARIS offers the functionality to streamline your operation, from Ping-to-Chart.