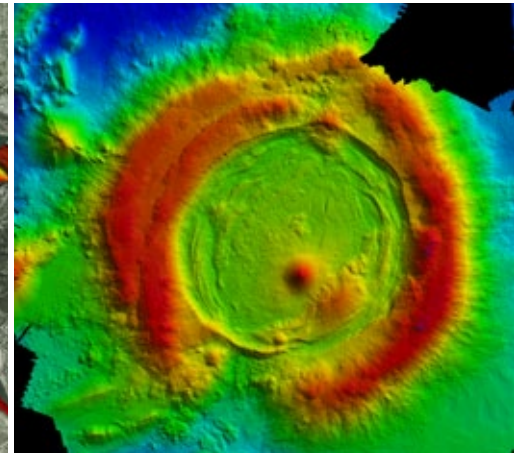
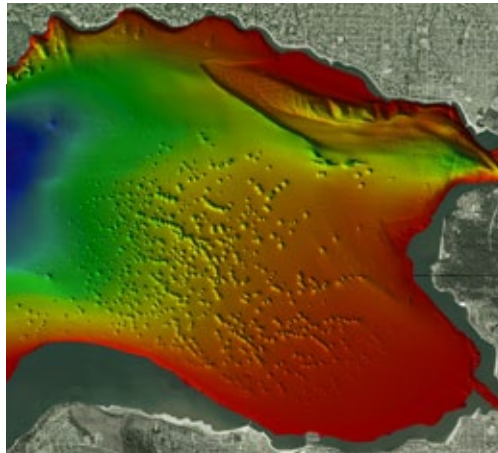
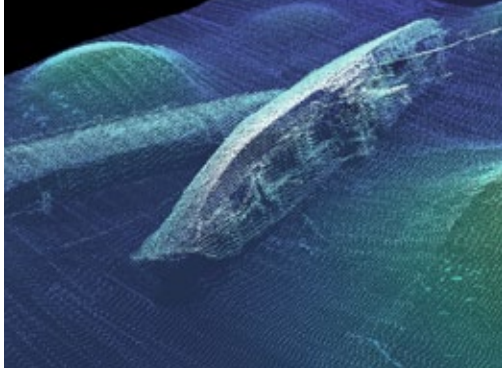


CARIS

HIPS and SIPS



Teledyne CARIS knows that accuracy and efficiency are all-important in your business, which is why the HIPS and SIPS™ solution integrates the processing of bathymetry, water column and seafloor imagery in a single application.

With HIPS and SIPS vast amounts of sonar data can be interrogated at speed, making full use of the latest computing power and saving you valuable time.

The software also includes the SIPS™ Backscatter processing engine and mosaic creation, allowing more information to be extracted from your seafloor measurements with a single additional step.

TRUST THE MOST COMPREHENSIVE DATA PROCESSING SYSTEM

Number One

HIPS and SIPS is recognized in the global marine community as the number one hydrographic data processing system. By supporting over 40 sonar formats, it can process data from virtually any system configuration.

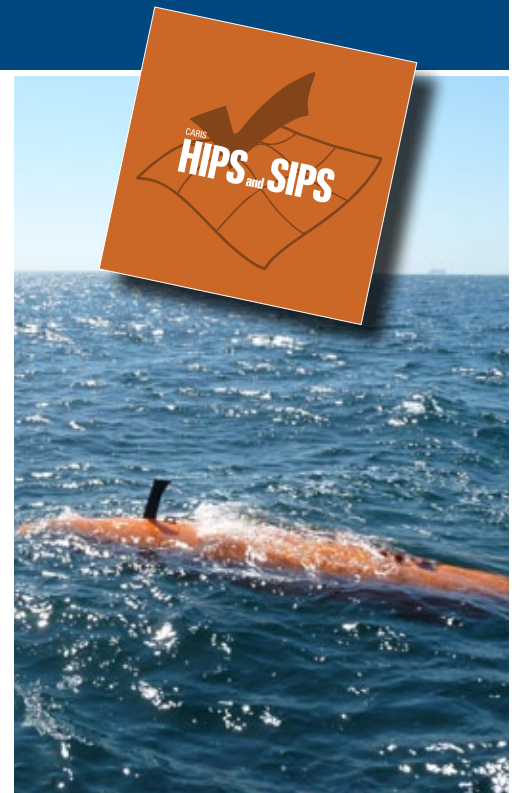
Latest Processing Techniques

The latest processing techniques can easily be applied to your high volume sonar data, ensuring efficient and repeatable results. This includes total propagated uncertainty, CUBE processing, statistical surface cleaning, dynamic 3D data editing, and an array of geodetic and quality gate filters and quality gate filters for bathymetry data. It also offers a fresh approach to acoustic imaging and mosaic creation with the SIPS Backscatter

"My first task when joining the UKHO (in 2002) was to assess all current bathymetry software to help select the primary tool to be used by our staff and the UK Royal Navy for multibeam data processing. Based on our assessment criteria, HIPS and SIPS was the clear winner. Eight years on, we have not regretted that decision."

-David Parker, UKHO Civil Hydrography Manager

processing engine, which is based upon industry-recognized algorithms and techniques.'



TELEDYNE CARIS



HIPS AND SIPS

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Meeting Your Needs

Whether your survey is for safety of navigation, oceanering, or scientific purposes, you can be confident that HIPS and SIPS converts your survey data into information you will use.

Digital elevation models, geological mosaics, contours, profiles, and 3D fly-throughs are among the many outputs that can be generated from your processed data. In addition, the integrated Plot Composer application allows you to rapidly create paper plots and charts in the field.

Size is No Object

HIPS and SIPS can handle today's high volume surveys with ease through the

use of the highly scalable CSAR™ framework. The new VR Surface technology brings further efficiency by allowing variable resolutions of gridded data to be meshed together and contoured and analyzed seamlessly. From a single line of echosounder data to a multi-platform, multi-sensor survey project, the efficient storage mechanisms will ensure robust data management and optimal access to data.

Industry Standards

HIPS and SIPS makes full use of industry standards. Bathymetry can be tested for quality against the International Hydrographic Organization standards and exported for use in other applications through open exchange formats.

Easy to Use Interface

The HIPS and SIPS application has been evolving for 20 years. As well as striving to incorporate the latest algorithms and tools, Teledyne CARIS is committed to making the application more intuitive with every release.

Ping-to-Chart™

As a standalone system, HIPS and SIPS is recognized as the industry leading processing tool. But when used in conjunction with other Ping-to-Chart products even more value from your data can be realized. Teledyne CARIS offers the functionality to streamline your operation, from Ping-to-Chart.