

CARIS¹ HIPS² and SIPS³ 10.2.3

Highlights

- Support for EIVA SBD Version 9 has been added to HIPS.

Enhancements

Reference	Description
Convert To HIPS	
	Added support for EIVA SBD Version 9.
Shoals (Engineering Analysis Module)	
	<p>The dialog boxes that enable shoal boxes to be created or adjusted now have the option of defining the number of decimal places to be used when truncating the minimum depth.</p> <p>The affected commands are Detect Shoals, Merge Boxes, Reorient Boxes, and Group Areas. The default precision has been updated from 1 to 2.</p>

Maintenance

Reference	Description
Convert To HIPS	
	Teledyne RESON Hydrosweep data in s7k, using High Resolution detections, is now converting all depths from the 7047 record.
Filters, Subset Editor	
	An issue when large subset areas include multiple lines and the number of soundings in the subset is greater than 65,000, has been fixed so that surface filtering of the whole subset now gets applied to all soundings in the subset.
Finalize	
	When finalizing a surface, the order in which Designated Soundings are applied has been changed when the Restrict z-values is set. The Designated Soundings are now applied prior to the depth filtering. This will allow Designated Soundings to be applied and retained if the node they are applied to is within the depth threshold, but the soundings are outside it.
Import Auxiliary Data	
	Import Auxiliary input file names are now shown in Process Log viewer.
	An issue has been resolved that was causing navigation to be loaded from one minute before midnight for the start of the GPS week, when importing navigation data from an SBET file.

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Reference	Description
Module: Feature Editing	
	Feature layers with VPF catalogues could only be saved as H2O files. Now they are saved as HOB files, as in previous versions.
Process Designer	
	There was an issue with the Filter Processed Depths process receiving a surface from Create HIPS Grid as input in a process model. This has been resolved.
Side Scan Editor	
	An issue has been resolved where Line Contact nodes were moving from their digitized positions in the Side Scan View window when addition nodes were added to complete the line.
System Files	
	Datum parameters for ED50 (European 1950 [common offshore transformation]) in the datum.dat file have been updated to match EPSG:1311 parameters.
Miscellaneous	
	Using a display filter for point clouds or variable resolution surfaces no longer causes the application to close unexpectedly.