

## CARIS BASE Editor 4.3.4

## Enhancements

### BASE Editor

Reference	Description
<b>Process Designer</b>	
	A new IncludeRelated option has been added to the Copy process in Process Designer to ensure that all related files are copied between folders when running a process model. For example, both the .csar and the required .csar0 file can be copied, rather than just the .csar file.

### Engineering Analysis

Reference	Description
<b>Volumes</b>	
01701116	When volume calculations detect an overlap in the provided reference model inputs, the error message now includes information about the location of the overlap.

## Maintenance

### BASE Editor

Reference	Description
<b>Coordinate Reference Systems</b>	
01700682	Datum parameters for ED50 (European 1950 (common offshore transformation)) in the datum.dat file have been updated to match EPSG:1311 parameters.
<b>Coverage Tools</b>	
01602989	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.

Reference	Description
	<p>When combining coverages, band value-based rules comparing against a specific value could fail with an error message about variants. Now, the data types are converted correctly and the combine completes successfully.</p> <p>This was discovered with a rule to "avoid interpolated" values (Depth Interpolated != 1). As currently implemented, a no data value in a band loses any comparison, so if one coverage has no Depth Interpolated band and the other coverage has Depth Interpolated set to 1, neither one is selected by the (Depth Interpolated != 1) rule.</p> <p>The fix for ServerCombineToRaster requires an updated version of BDB Server, i.e. version 4.3.2 or later.</p>
	<p>The AddToRasterCombine process now gives a more informative error message if the rules stored in the combine metadata are insufficient to resolve a conflict.</p> <p>The ServerAddToRasterCombine process was also updated, which requires an updated version of BDB Server, i.e. version 4.3.2 or later.</p>
<b>Format Support</b>	
	<p>Feature layers with VPF catalogues could only be saved as H2O files. Now, they are saved as HOB files, like in previous versions.</p>

## BASE Manager

Reference	Description
<b>Batch Tools</b>	
	<p>An improved error message is now displayed when an invalid BOID is provided to the ServerCombineToRaster or ServerJoinPoints processes in the CARIS Batch command line tool.</p>
<b>Coverage Tools</b>	
01700972	<p>Metadata-based rules for combining database surfaces were being ignored by the application if the rules included a comparison to a specified enumerated value. For example, a rule for only picking winning surfaces if the DUNITS was metres was ignored. Disambiguation would continue based on other rules. Now, the rules are properly applied.</p> <p>The fix for ServerCombineToRaster requires an updated version of BDB Server, i.e. version 4.3.2 or later.</p>

## General Notices

- Metadata-based rules that included a comparison to an enumerated value were previously ignored by the server combine processes. The expected results may not have been created in past versions.