

CARIS

Notebook



Do Away with your Paper Field Book

Notebook is a lightweight software application which includes tools for the addition of new georeferenced field survey objects, field notes and observations, as well as for data validation.

CARIS Notebook fills a gap between post processing of hydrographic survey data and output in hydrographic products such as S-57 ENC's.

Part of a Complete Solution

Experience efficiencies in coastal and hydrographic surveys that have never been possible before through integration of digital field data into your production workflow.

Notebook is part of a complete suite of marine and hydrographic software from CARIS. It shares the same data model and object dictionaries as other CARIS software. Take the extensive display, query, data collection, and output functionality which you have come to rely on to the field in a single, lightweight system.

New Efficiencies in Production

A digital alternative to the traditional paper field book, Notebook allows for quick transfer of digital field survey data to your cartographers for efficient update of digital products. Any new georeferenced dataset entered in CARIS Notebook will be recorded as S-57 objects. These objects are easily transferred to S-57 ENC's, digital charts, or survey field sheets.

Data Added is S-57 Compatible

Collect georeferenced field data and notes. New S-57 objects can be added and proper S-57 attributes attached during collection or import. Even field note descriptions can be attached to new marker objects as attributes. Your new objects can be quickly viewed as needed and easily transferred to other products supporting S-57.

Reduce the Need for Resurveys

Use the tools in CARIS Notebook to compare new data to results from previous surveys or from other sources for verification and validation of hydrographic and survey features. Avoid the cost of having to resurvey.

Display multiple reference data sources from a single area in CARIS Notebook. Raster backdrop display supports geographic data types such as: BSB, HCRF, MrSID and GeoTIFF. Vector display supports S-57 ENC's, CARIS map data and digital charts. Shapefile and DGN files. CARIS Notebook also displays CARIS HIPS session files including survey track lines, field sheets, sidescan mosaics, bathymetric weighted grids, BASE Surfaces and tile sets.

E-learning Resource Available

CARIS offers an optional electronic learning resource for Notebook designed to provide users with a step-by-step, animated and interactive training alternative. Called Exceed with CARIS Notebook, this product is part of an emerging line of electronic learning tools from CARIS.

CARIS Notebook Features

Backdrop Display

- Display georeferenced raster formats: GeoTIFF, TIFF/TFW, TIFF/IGA, BSB, HCRF, MrSID, JPEG 2000, BASE Surfaces
- Display vector formats: S-57, CARIS map, HOB files, DGN, Shapefile
- Display HIPS/SIPS fieldsheet layers: tracklines, grids, tiles, mosaics, contours, selected soundings, BASE Surfaces

Query Objects

- Access additional information from displayed data
- Query displayed data and attributes, selected soundings, contours, S-57 ENC
- Attribute tool tip
- Quick visual query of S-57 ENC and HOB file Attributes
- Open CARIS HIPS Subset Editor for QC on soundings
- Colour coding of marker object by status (active, rejected, closed, unknown)

Editing

- Interactive object creation
- New object editing tools for Point, Line, and Area objects (HPD tools)
- Point with the mouse or enter coordinates manually
- Survey notes and logs
- Enhance dictionary to include custom object acronyms for notes
- Geographic marker objects to store notes and additional information as points, lines and areas.
- Marker attribute to capture references to original S-57 objects

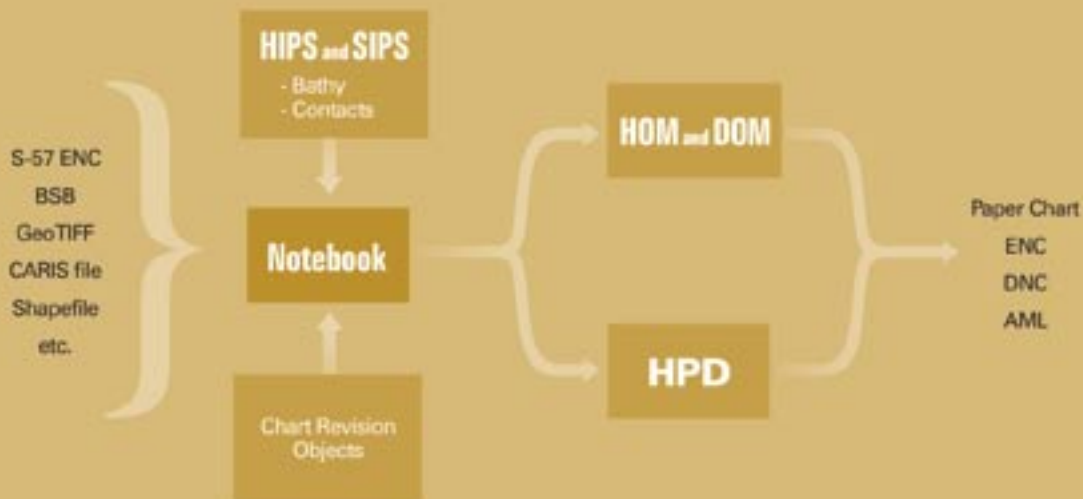
Import /Collection

- Connect to a database and create objects during import using Object Import Utility (OIU) or CARIS file
- OIU supports MSEXcel and comma-delimited ASCII text files, MSAccess, dBase, Oracle, and Shapefile import
- Attach multimedia files to objects as a PICREP or TXTDSC attribute
- Pydro data import utility

Outputs

- S-57 file with filtered set of objects and attributes to exchange with other S-57 enabled systems
- HOB file with filtered set of objects and attributes to exchange directly with other CARIS products (e.g. HOM, HPD, EASY-ENC, etc.)
- Exchange with standard paper chart production operations
- Capture the display content as a high resolution GeoTIFF image
- Plot template
- Print display

Notebook Production Workflow



CARIS
115 Waggoners Lane
Fredericton, New Brunswick
E3B 2L4 Canada
Tel +1.506.458.8533
Fax +1.506.459.3849
info@caris.com

CARIS BV
Mgr. van Oorschotstraat 13
PO Box 47 5473 ZG
Heeswijk The Netherlands
Tel +31.413.296010
Fax +31.413.296012
info@caris.nl

CARIS USA
503 2nd Street NE
Washington, DC
20002 USA
Tel +1.985.788.4124
carisusa@caris.com

caris

For more information visit our website www.caris.com