

Discover the **CARIS Ping-to-Chart™** solution.

# CARIS Inland ENC Workshop

CARIS USA Office, Alexandria, Virginia, United States  
November 16-18, 2010

Information and registration:  
<http://www.caris.com/training/IENC/>

## INTRODUCTION

CARIS has had a long history of involvement in the S-57 data standard as it relates to Inland ENC (IENC) production, and has strong working relationships with countries and agencies that produce IENC through participation in the Inland ENC Harmonization Group (IEHG).

CARIS would like to further this working relationship by offering a three-day workshop on IENC production using CARIS tools and at the same time gain a deeper knowledge of the issues facing IENC producers in relation to data production and management.

The workshop is \$500 USD per attendee and includes the use of computer equipment, the latest CARIS software, printed workshop materials, refreshments & Internet access. A welcome reception will be held on the first evening of the workshop and will be followed by sightseeing tour of Washington D.C. by open top bus.

## WORKSHOP CONTENT

- Hands-on exercises and software demonstrations.
- Creation of bathymetry objects using surface creation and comparison tools.
- Use of the IENC encoding guide(s) to effectively create and update IENC objects and datasets.
- Integration with other navigational information databases for object creation and updating.
- Use of desktop tools for IENC creation and maintenance
- Use of database production tools for creation of multiple products (IENC, paper charts, overlays and other navigation publications)
- Discussion about IENC workflows and production issues

The featured CARIS Software will include the Bathy DataBASE, Hydrographic Production Database and the S-57 Composer.

## ALEXANDRIA, VIRGINIA

CARIS USA is located in the historic town of Alexandria which is just 10 km from downtown Washington D.C., an easy 15 minute trip on the Metro subway. Alexandria is listed on the National Register of Historic Places for its beautiful 18<sup>th</sup> and 19<sup>th</sup> Century architecture, Alexandria combines a rich history with cutting-edge attractions, award winning restaurants and an eclectic and fashionable shopping scene.

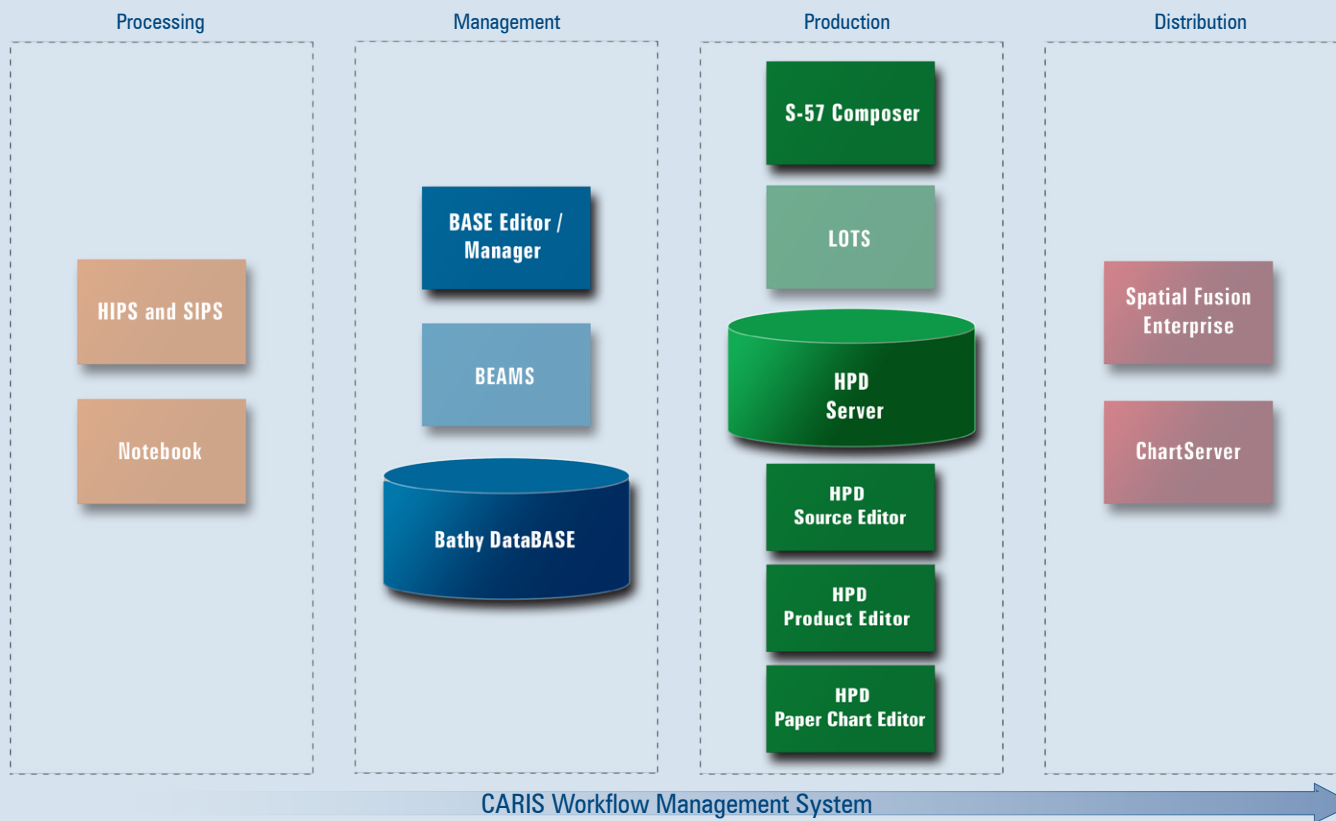
*Aerial of downtown Alexandria, Virginia, on the Potomac River, near Washington DC, with a view of King Street leading from Waterfront Park to George Washington Masonic Memorial*

REGISTRATION ▶ Email [info@caris.com](mailto:info@caris.com) or telephone +1 (703) 299-9712 or visit <http://www.caris.com/training/IENC/register.cfm>

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## CARIS PING-TO-CHART™ WORKFLOW FOR IENC PRODUCTION



## CARIS PRODUCT DESCRIPTIONS

### CARIS Bathy DataBASE

The **Bathy DataBASE (BDB)** allows S-57 contours, soundings and depth areas to be generated from bathymetric surveys of inland waters that are stored in this purpose built solution.

### CARIS HPD

**Hydrographic Production Database (HPD)** provides an Enterprise level management solution for storing, updating and maintaining IENC information.



### CARIS S-57 Composer

**S-57 Composer** provides the most advanced tools in the industry for data import and editing allowing efficient IENC product creation and updating with robust validation.

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  
415 N Alfred Street  
Alexandria VA 22314  
United States  
Tel +1.703.299.9712  
Fax +1.703.299.9715  
carisusa@caris.com

CARIS Asia Pacific  
Suite 1, Innovation House  
Mawson Lakes Boulevard  
Mawson Lakes SA 5095  
Australia  
Tel +61.0.8.8260.8180  
Fax +61.0.8.8260.8100  
info@caris.com

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www.caris.com