

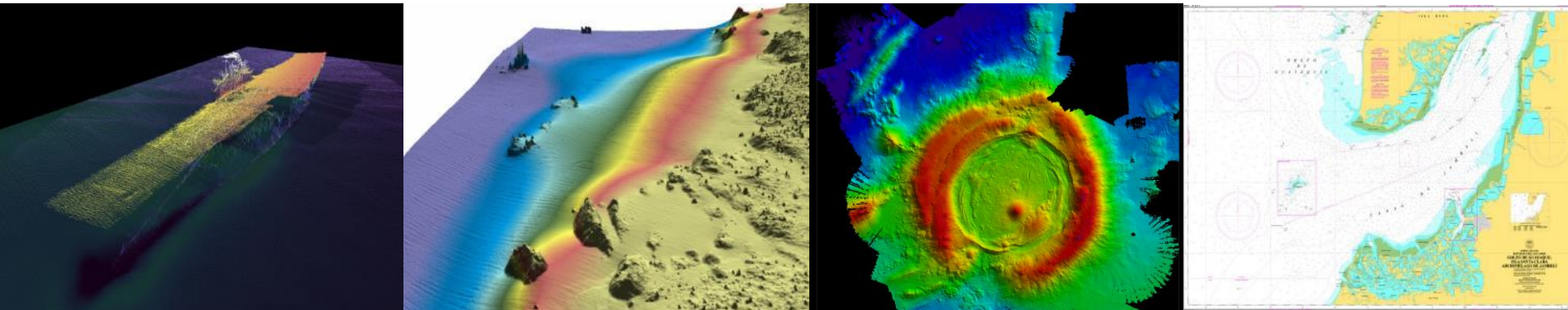
Efficient Hydrographic Information Management

Charles de Jongh – CARIS

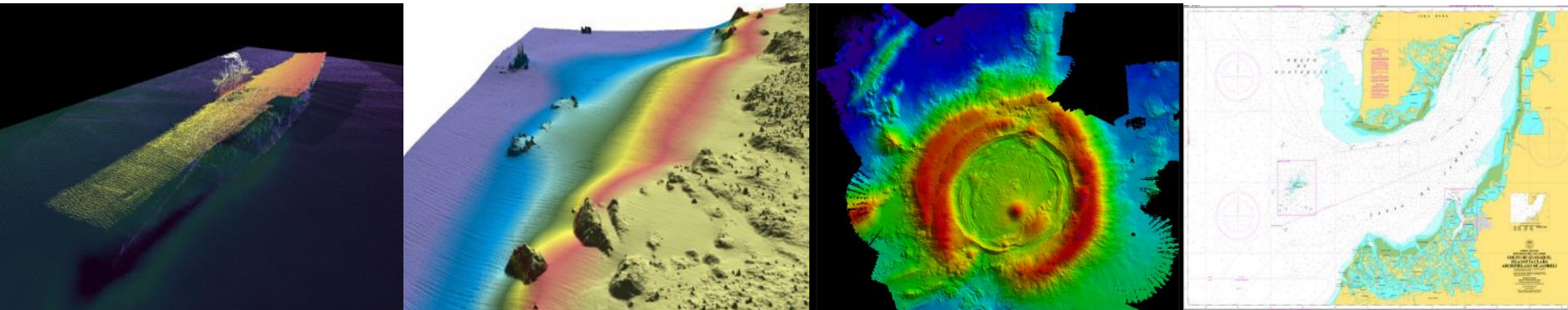
6th ROPME Sea Area Hydrographic Commission Meeting

Abu Dhabi – 9-11 February 2015

- CARIS is a software company specializing in marine GIS Solutions
- Solutions developed with and for the maritime community
- CARIS R&D: Continuous Improvement and Innovation

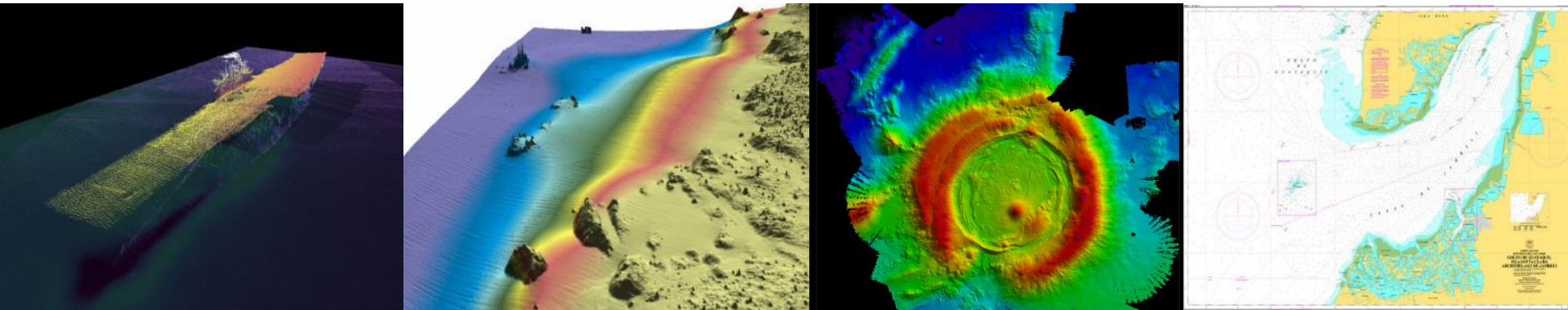


- Government Hydrographic Offices are national custodians of hydrographic information
- Hydrographic Offices are responsible for information management and distribution



CARIS delivers smart software solutions that are increasing efficiency. Keywords:

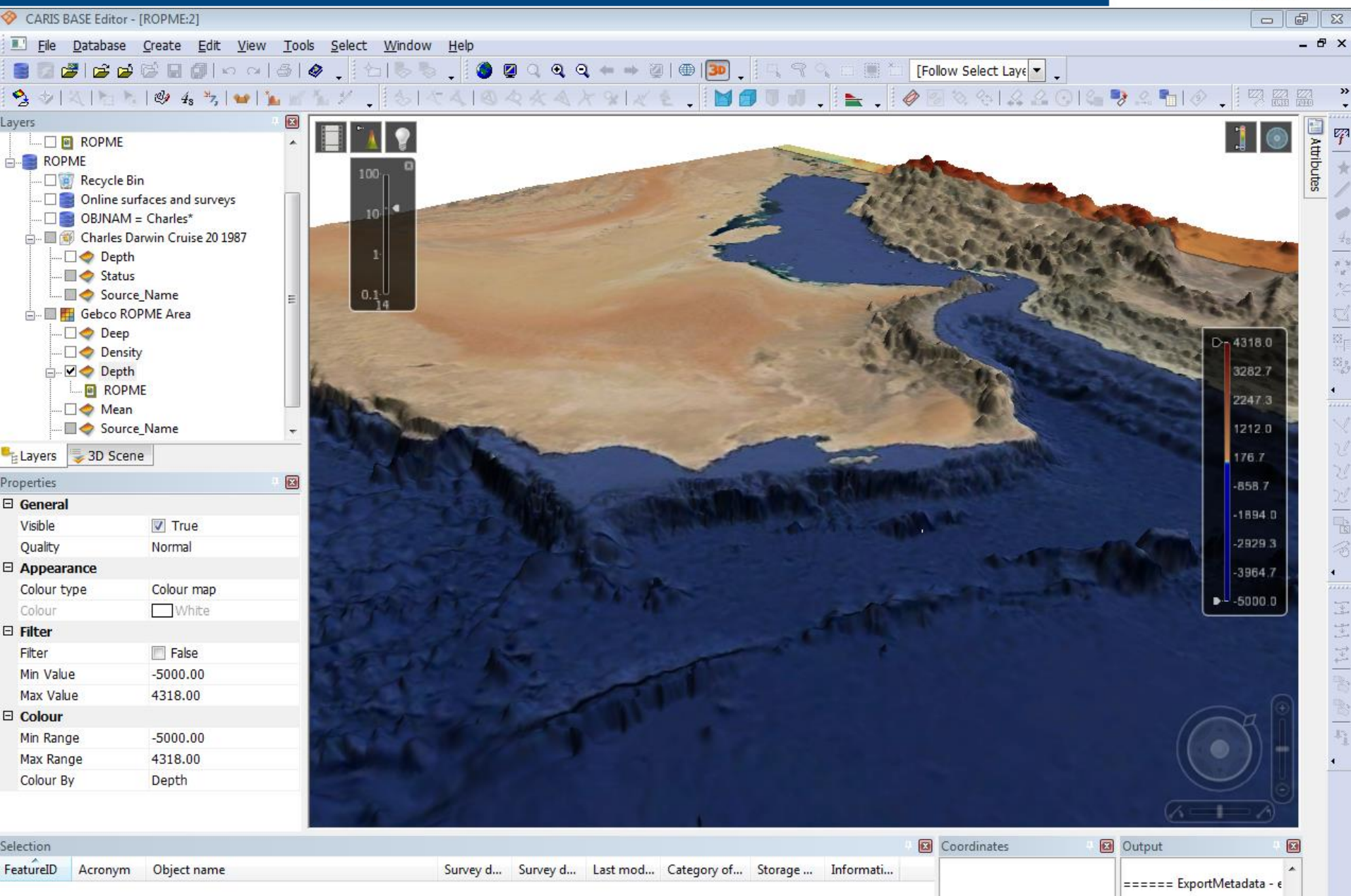
- Smart Information Management
- Flexibility & Standardization
- Automated Workflows

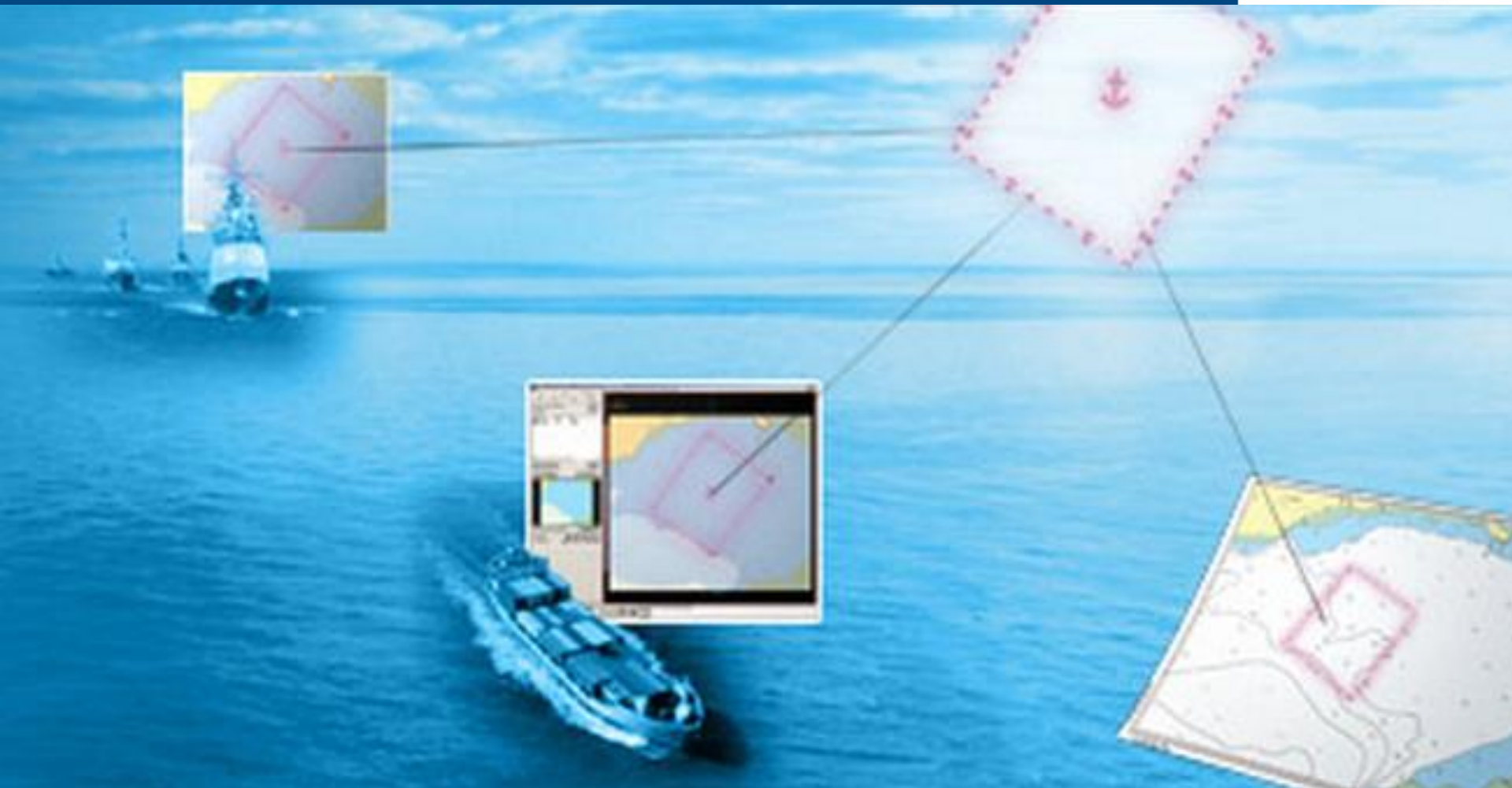


The background of the slide is a composite image. On the left, there is a 3D bathymetric map of a coastal area, showing the seabed topography with colors ranging from dark blue (deep) to green and yellow (shallow). On the right, there is a 3D illustration of a database cylinder, consisting of four stacked blue disks with a white highlight on the top disk. The cylinder is positioned over a map showing a network of orange lines, likely representing a river or canal system.

Bathy DataBASE

**Efficiently manage
bathymetric information**





Hydrographic Production Database

Eliminate Redundancy in Data Management

PROCESSING

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HIPS...SIPS

CARIS
Notebook

ANALYSIS

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Bathy DataBASE

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Analysis Module**

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LOTS

PRODUCTION

CARIS
HPD

CARIS
S-57 Composer

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Composer**

DISCOVERY

CARIS
**Spatial Fusion
Enterprise**



INTERNATIONAL HYDROGRAPHIC ORGANIZATION



**IHO TRANSFER STANDARD
for
DIGITAL HYDROGRAPHIC DATA**

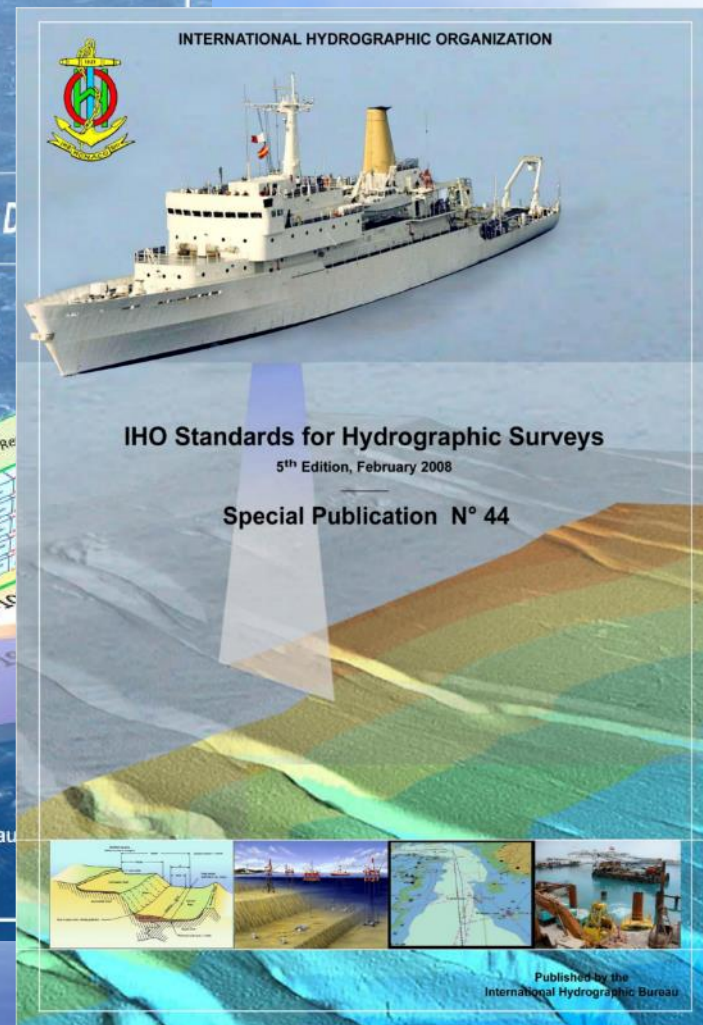
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caris



E&P surveys

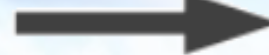
HO surveys

Storm impact surveys

Dredging surveys



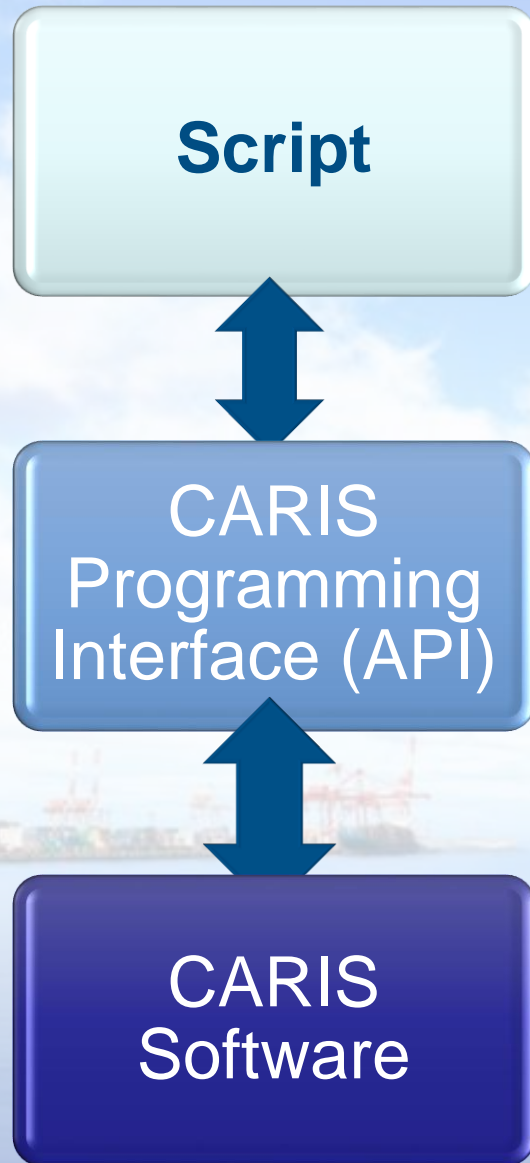
Features
Bathymetry
Imagery



Delivery in models
based on open
standards



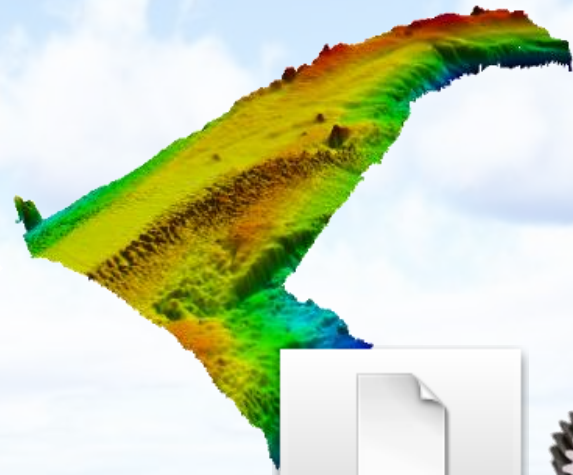
OGC[®]



Contractor Import Portal

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META



META

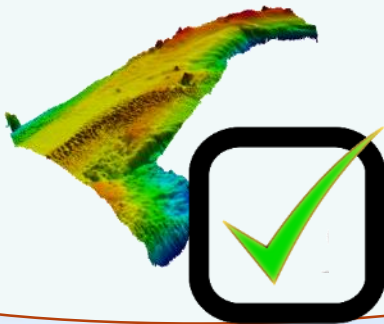


CARIS

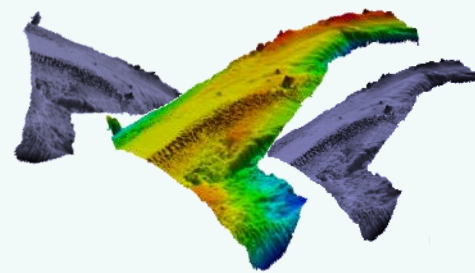
Bathy DataBASE

Bathymetric Data Management for the Future

Import Database



Source Database



CARIS

Bathy DataBASE

Bathymetric Data Management for the Future

CARIS

Spatial Fusion Enterprise

Delivering Data for Decision Support

Combine Database

OGC
Webservices

Efficient Hydrographic Information Management

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