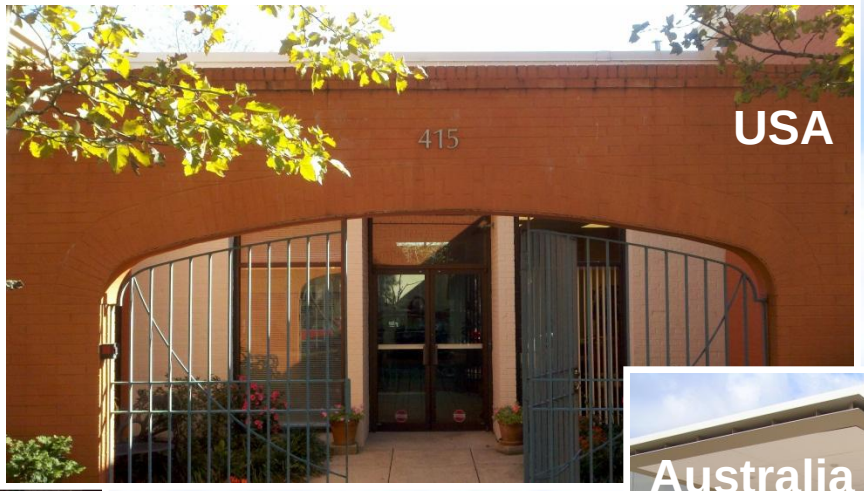
HCA13-08.3A

The "Icy" CARIS Ping-To-Chart Solution

Geerten Blessing – CARIS

HCA Meeting – Cadiz – 4th of December 2013

Company Overview



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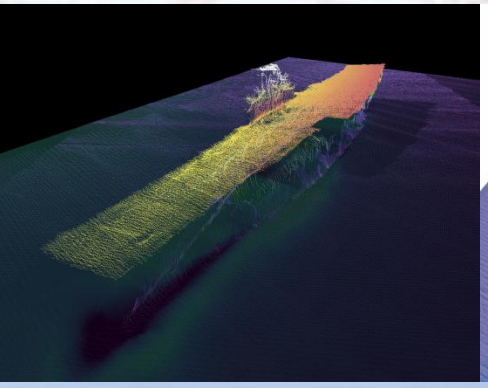
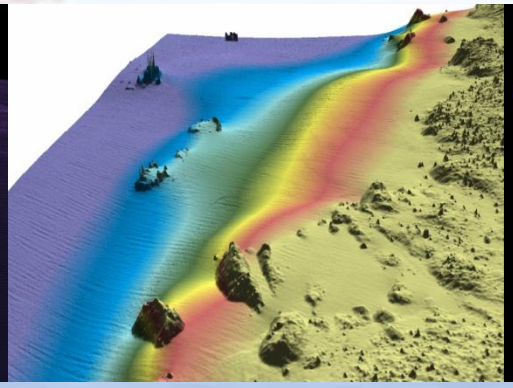
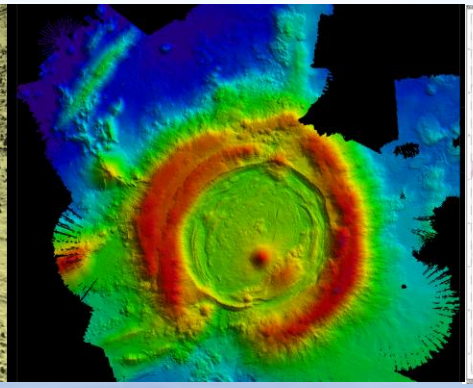
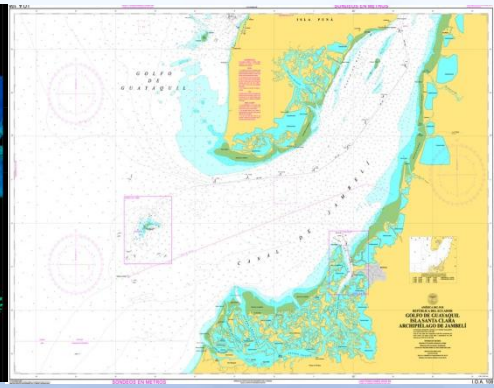
- Specializing in marine GIS Solutions
- Continuous Improvement and Innovation
- Solutions developed for the maritime community

Key Market Segments

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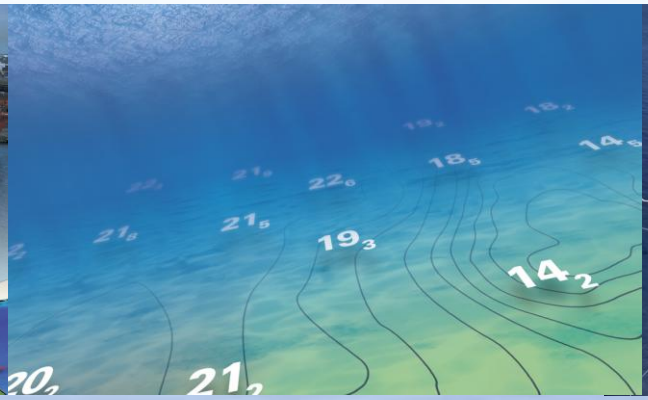
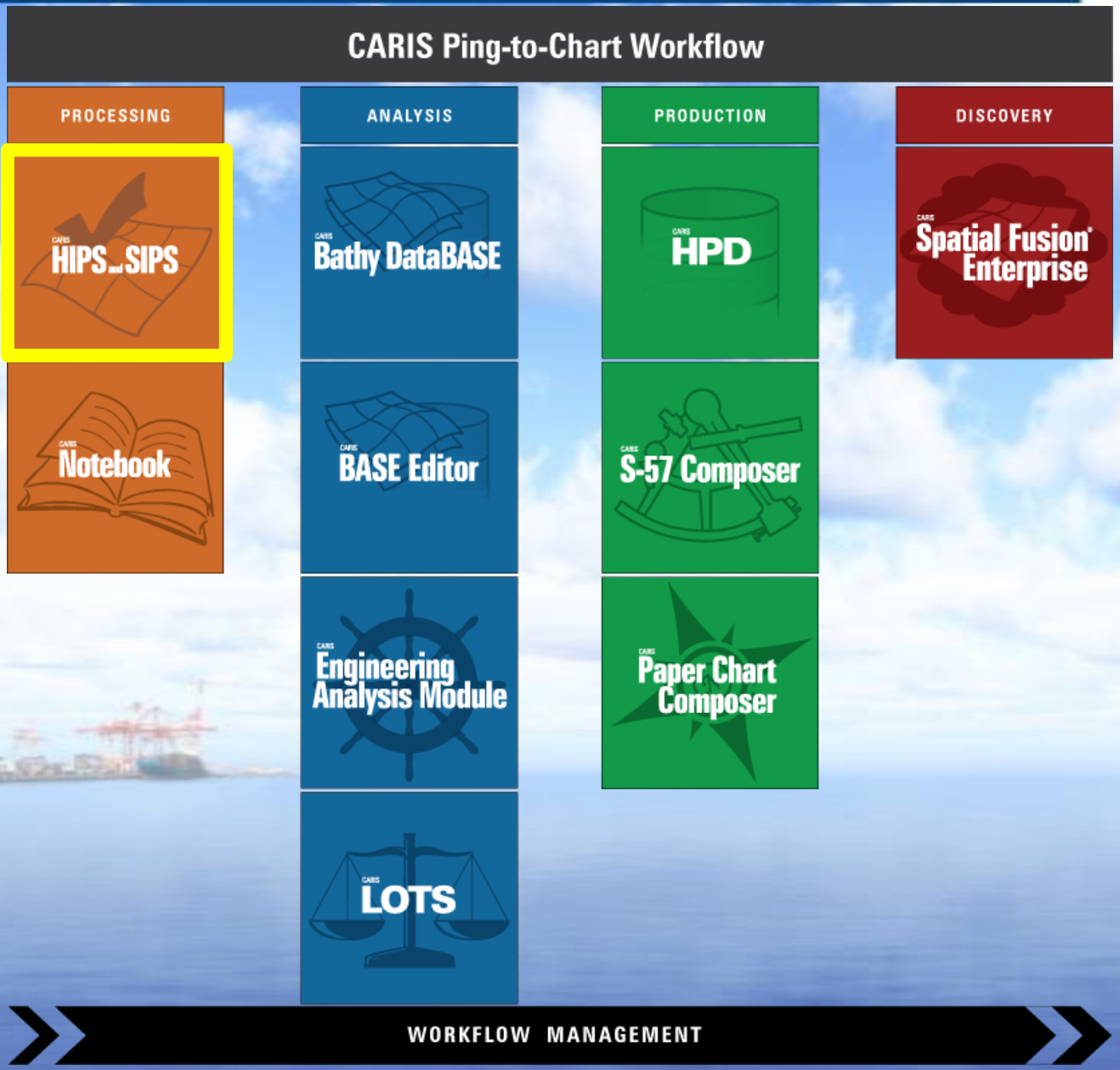
- Hydrographic Survey Processing and Visualization
- Port & Waterway Management
- Chart Production

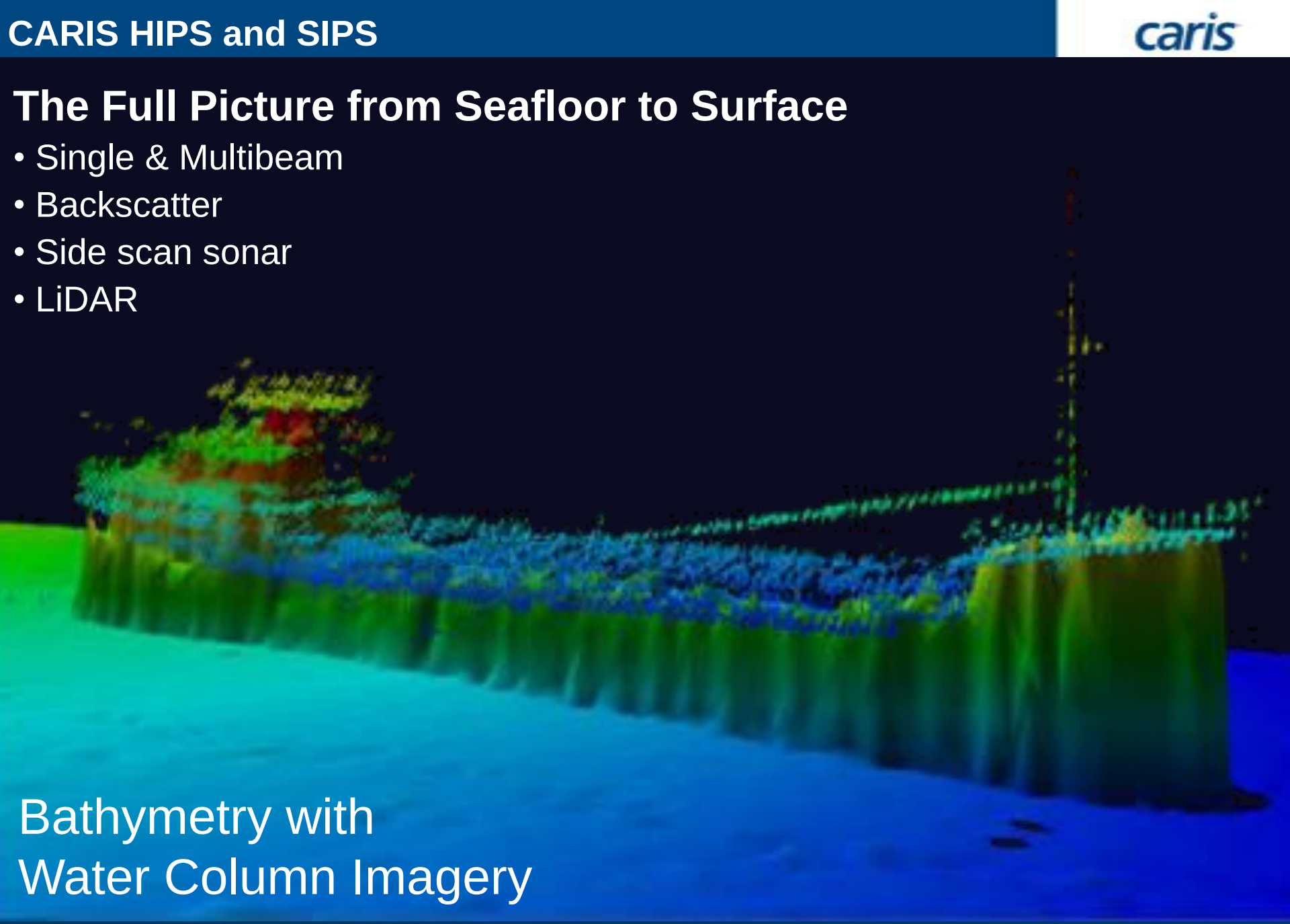


CARIS Products



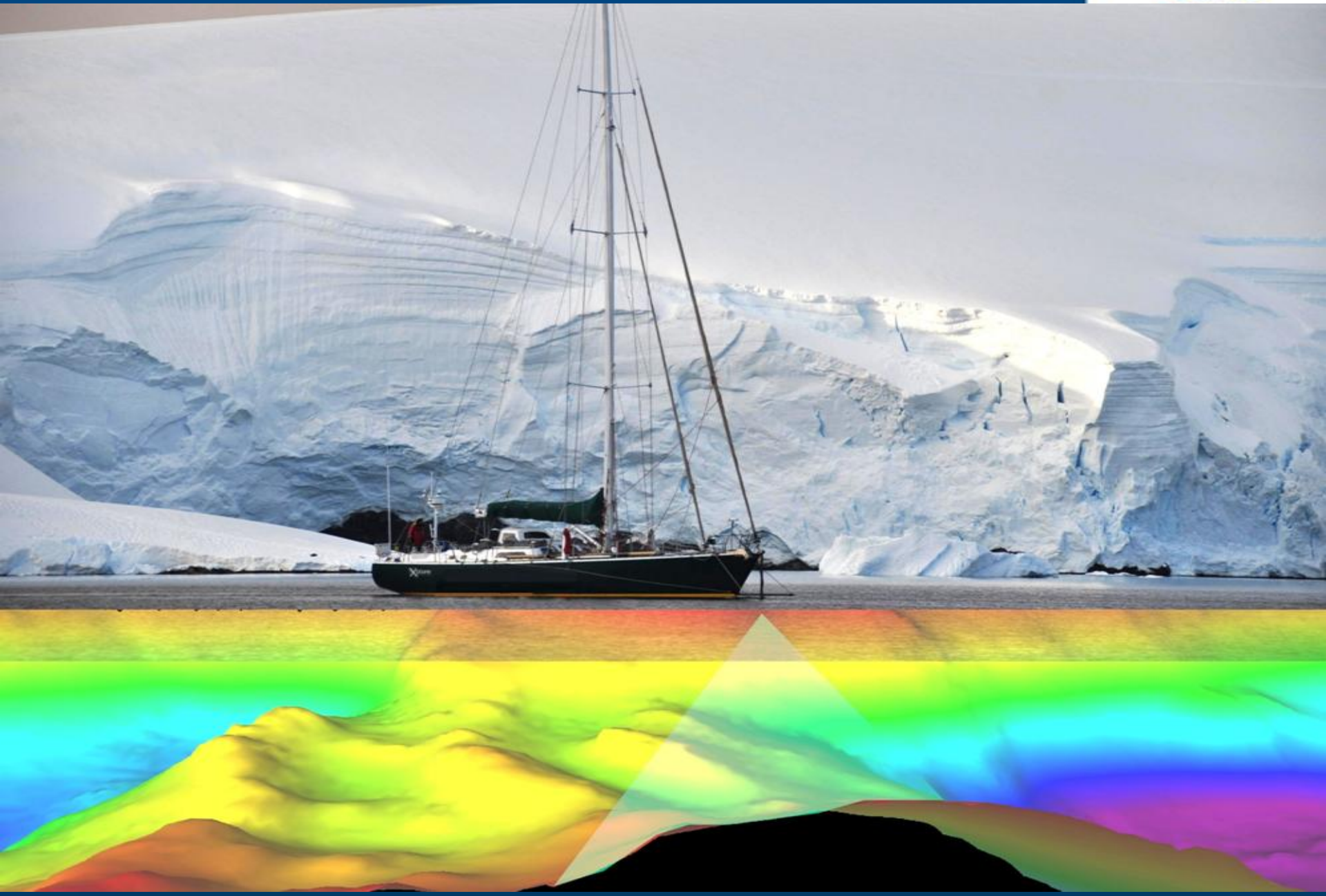
The Full Picture from Seafloor to Surface

- Single & Multibeam
- Backscatter
- Side scan sonar
- LiDAR

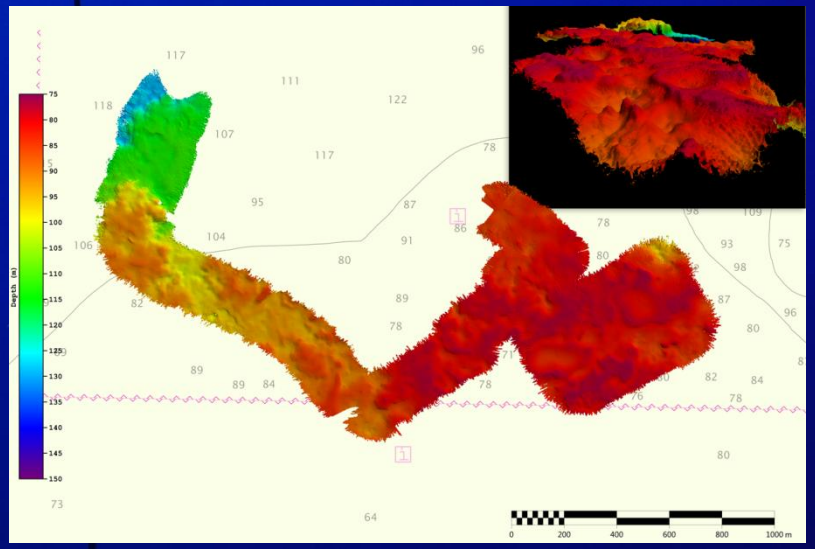


Bathymetry with
Water Column Imagery

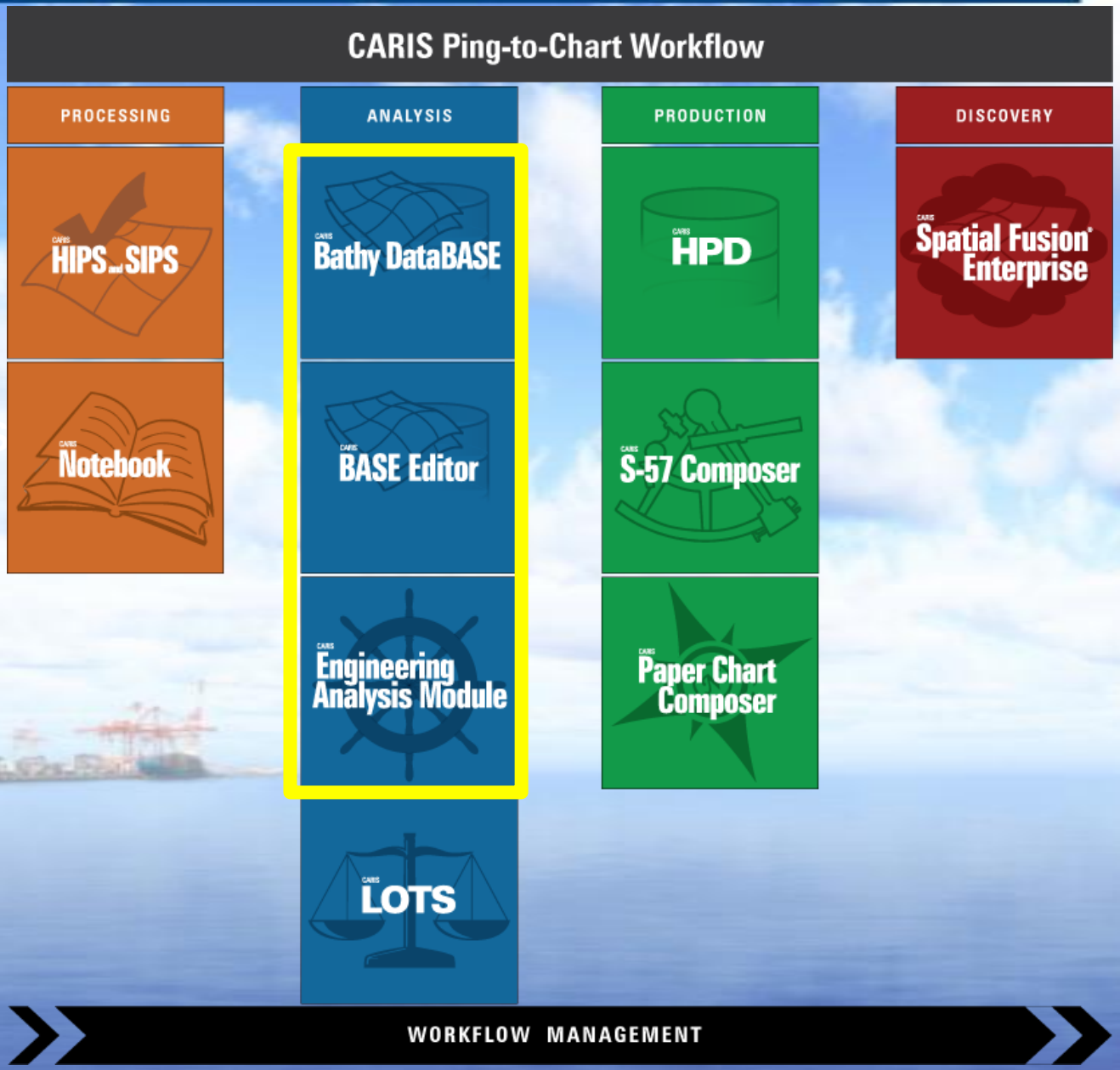
CARIS HIPS and SIPS

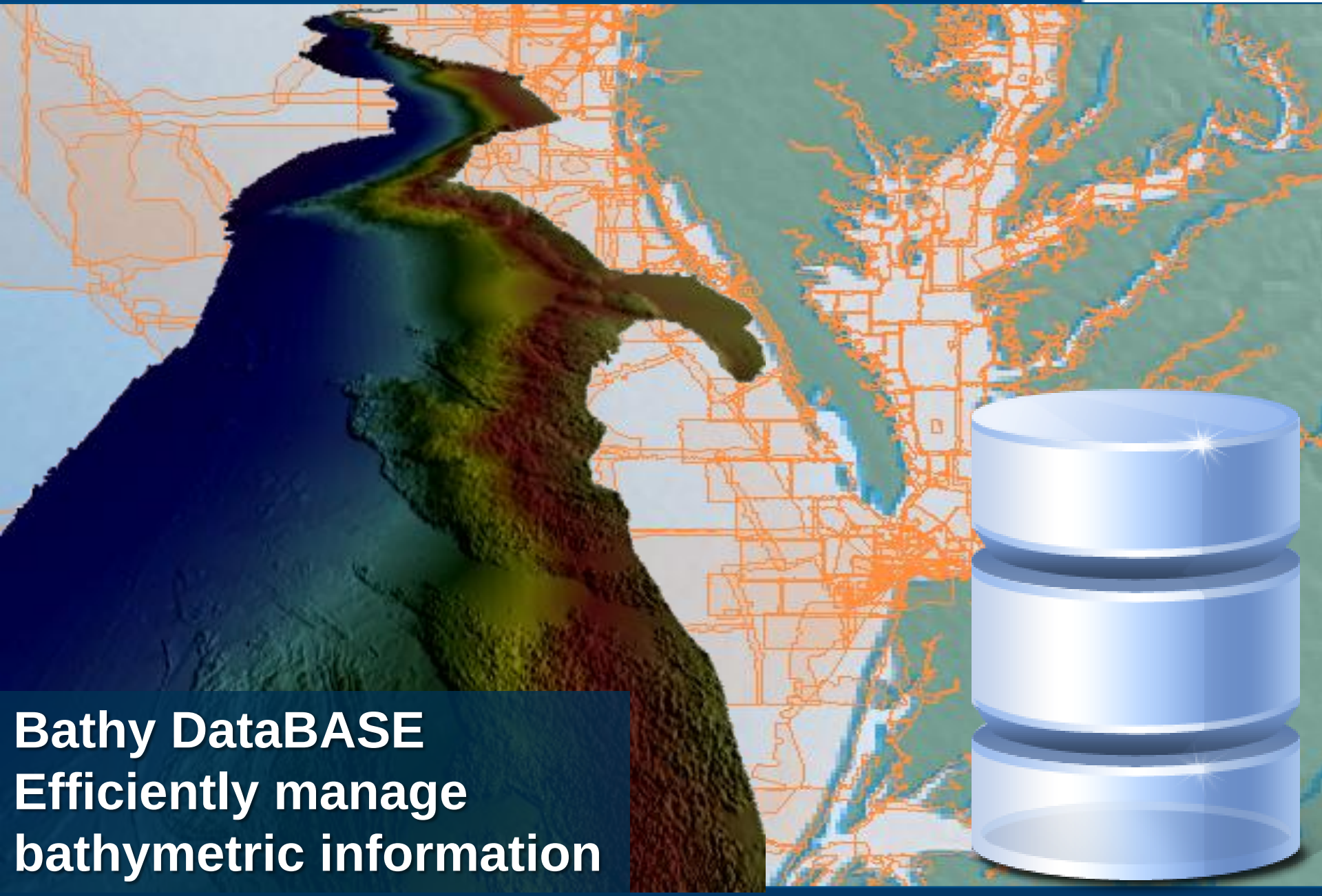


CARIS HIPS and SIPS



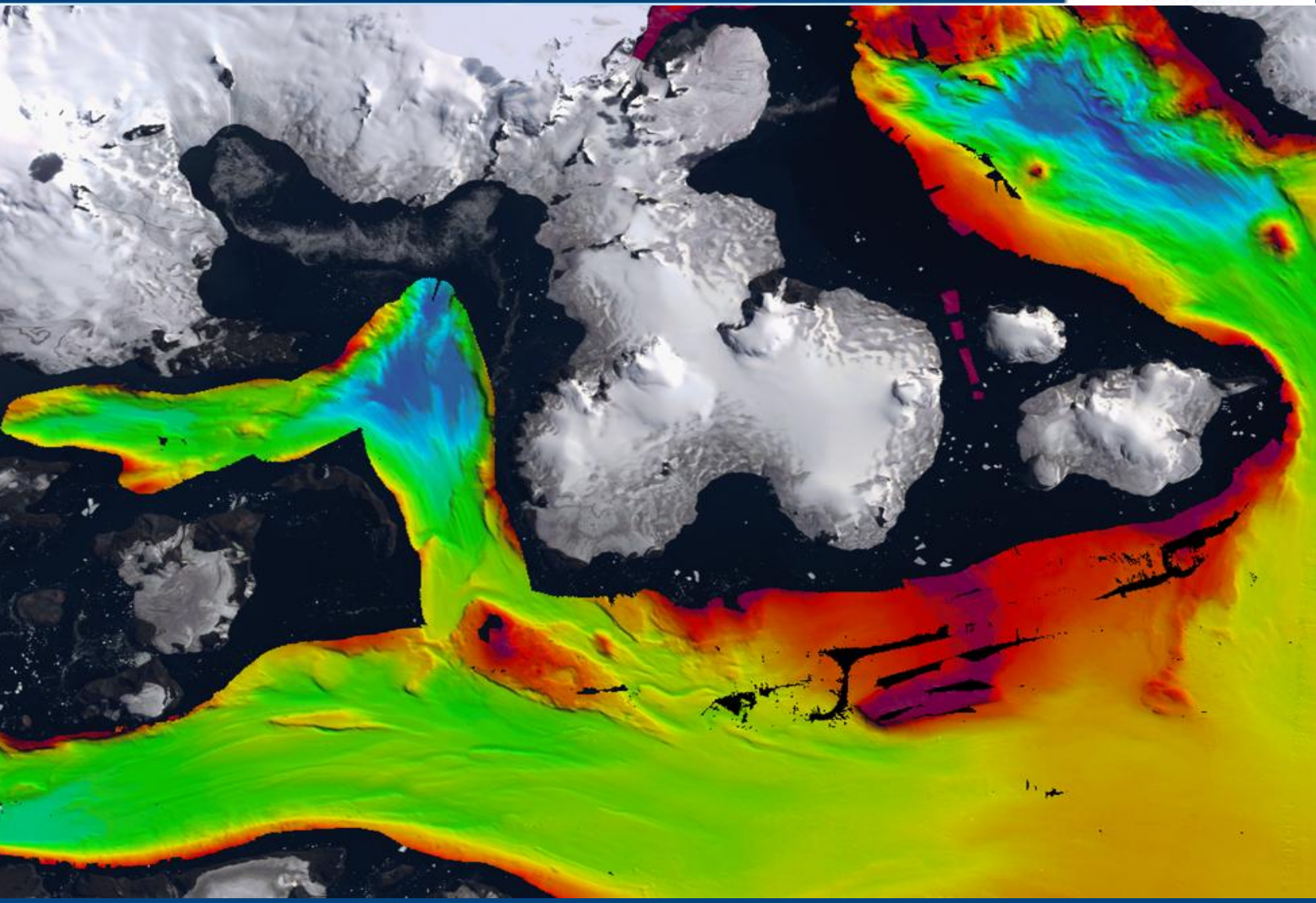
CARIS Products



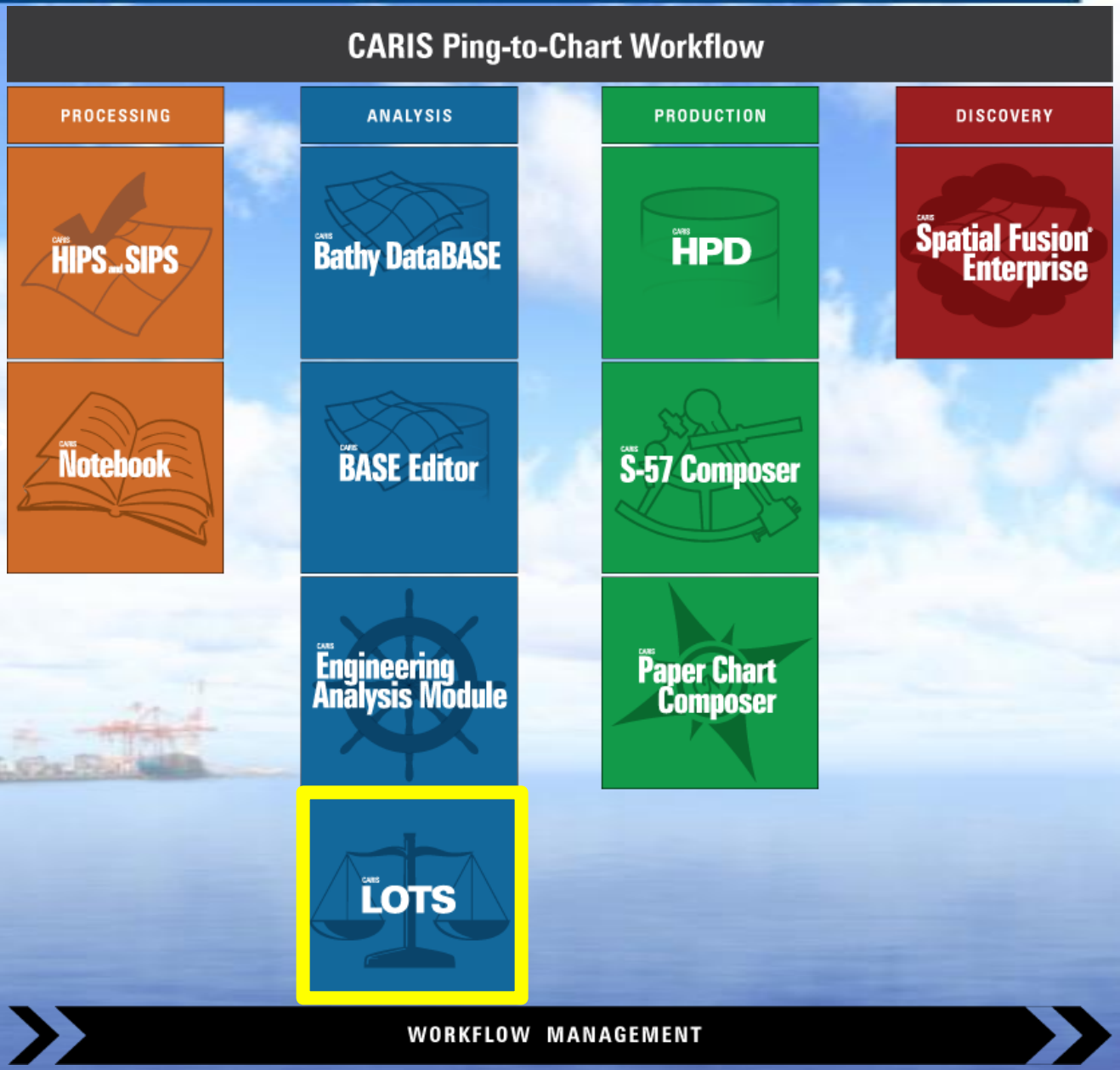


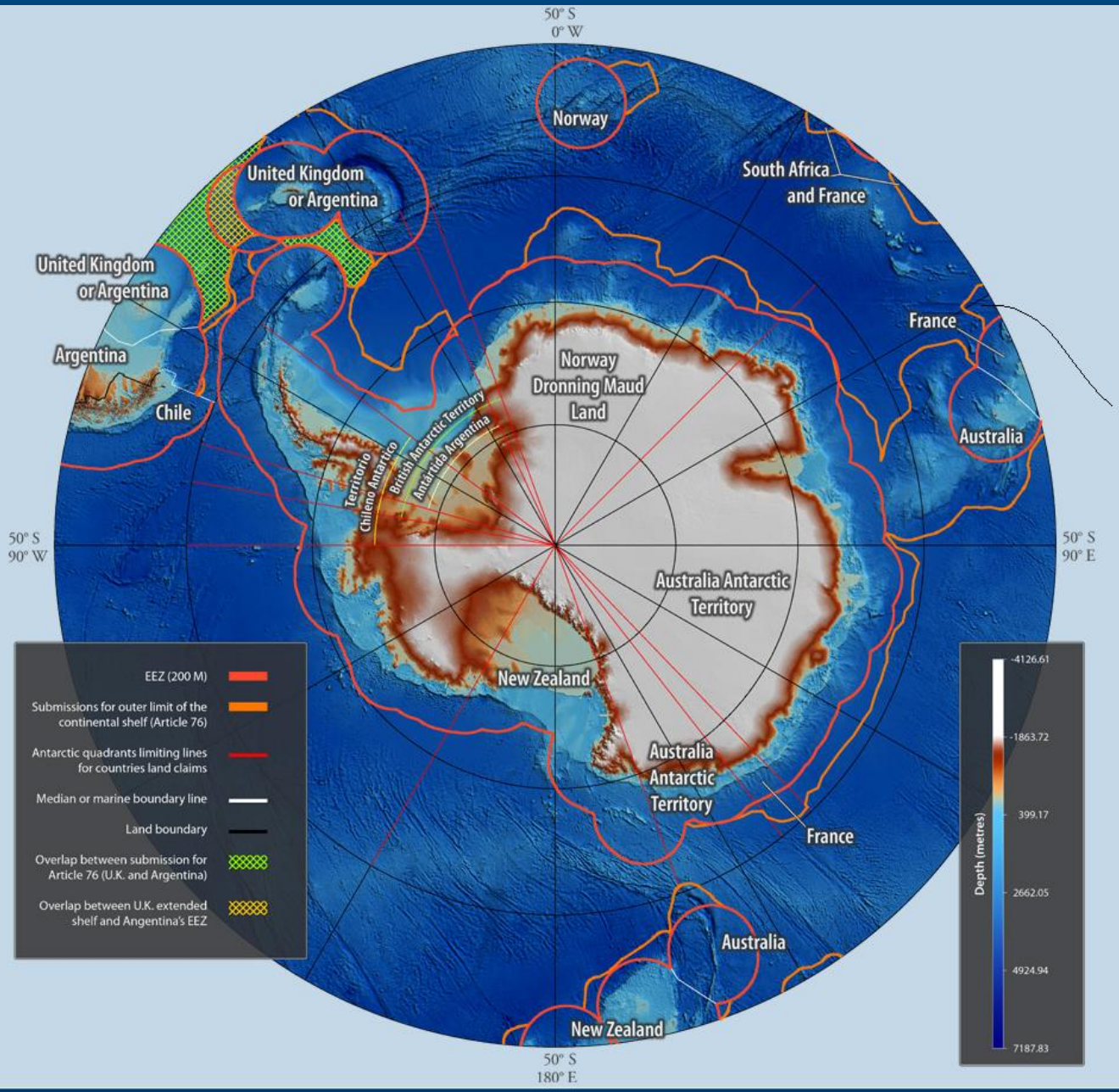
Bathy DataBASE
Efficiently manage bathymetric information

Bathy DataBASE

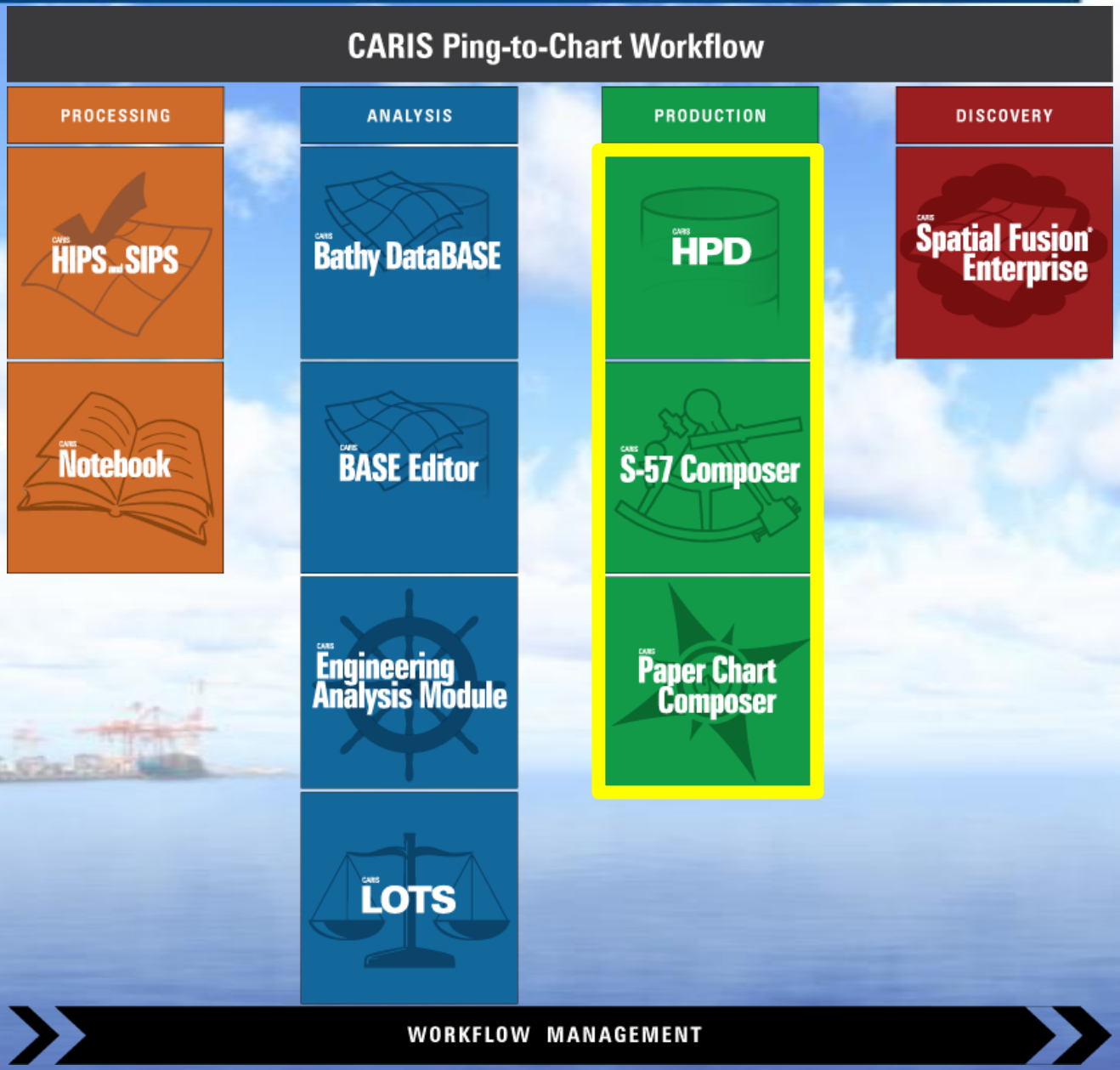


CARIS Products

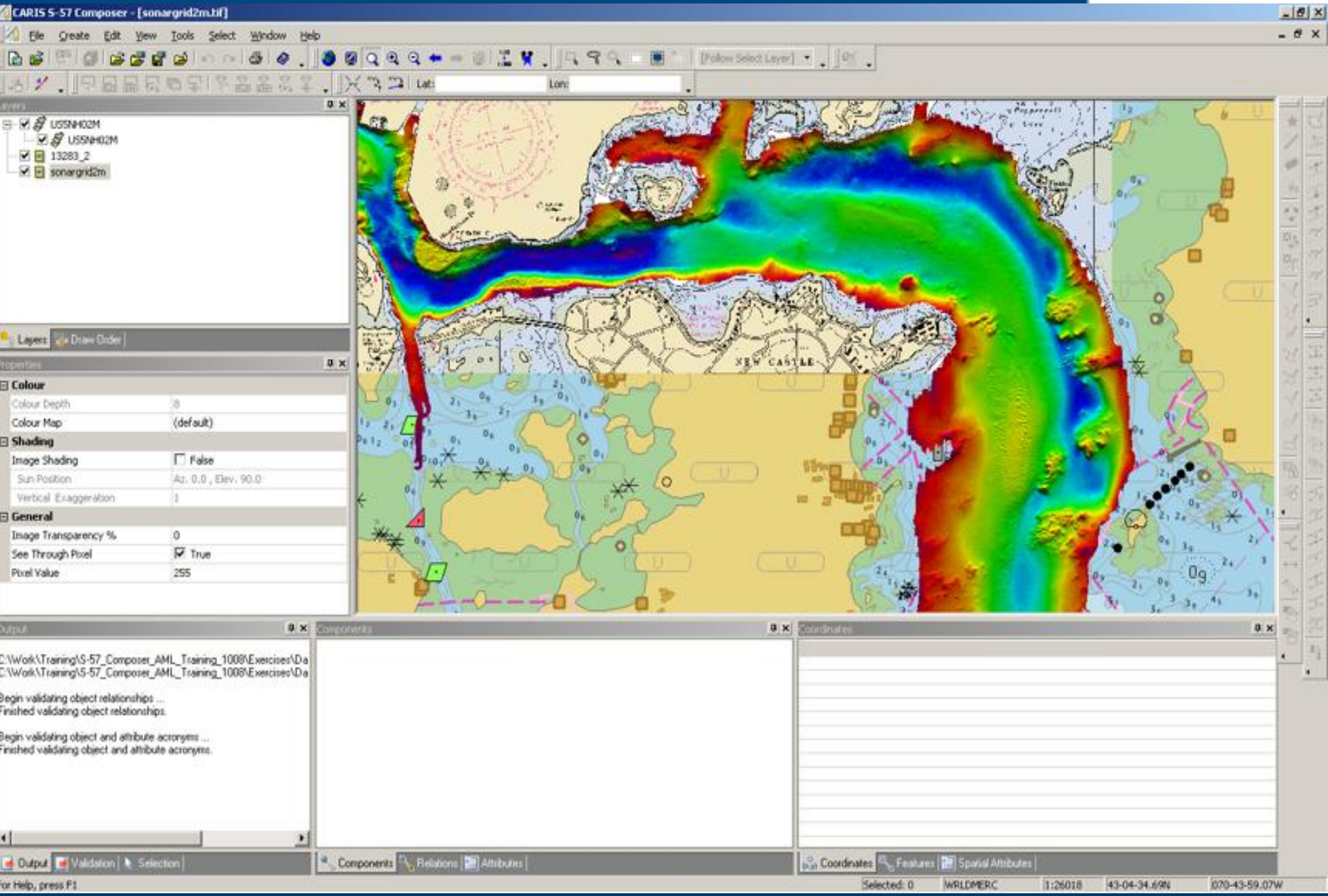


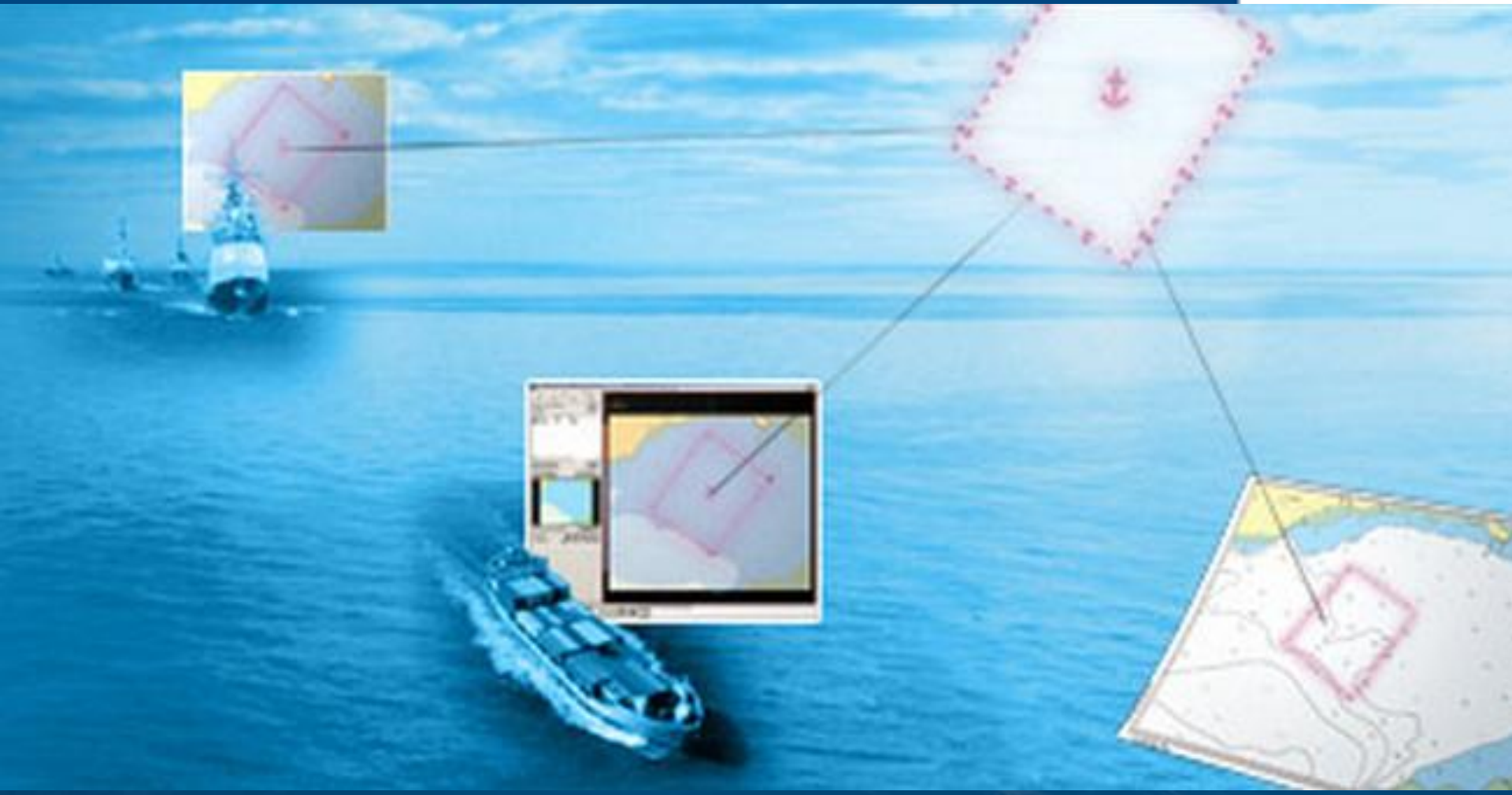

50° S
0° W
Norway
United Kingdom
or Argentina
South Africa
and France
United Kingdom
or Argentina
France
Argentina
Norway
Dronning Maud
Land
Chile
Australia
Territorio
Chileno Antartico
British Antarctic Territory
Antártida Argentina
50° S
90° W
50° S
90° E
Australia Antarctic
Territory
New Zealand
Australia
Antarctic
Territory
France
Australia
New Zealand
50° S
180° E
EEZ (200 M)
Submissions for outer limit of the continental shelf (Article 76)
Antarctic quadrants limiting lines for countries land claims
Median or marine boundary line
Land boundary
Overlap between submission for Article 76 (U.K. and Argentina)
Overlap between U.K. extended shelf and Argentina's EEZ
-4126.61
-1863.72
399.17
2662.05
4924.94
7187.83
Depth (metres)

CARIS Products



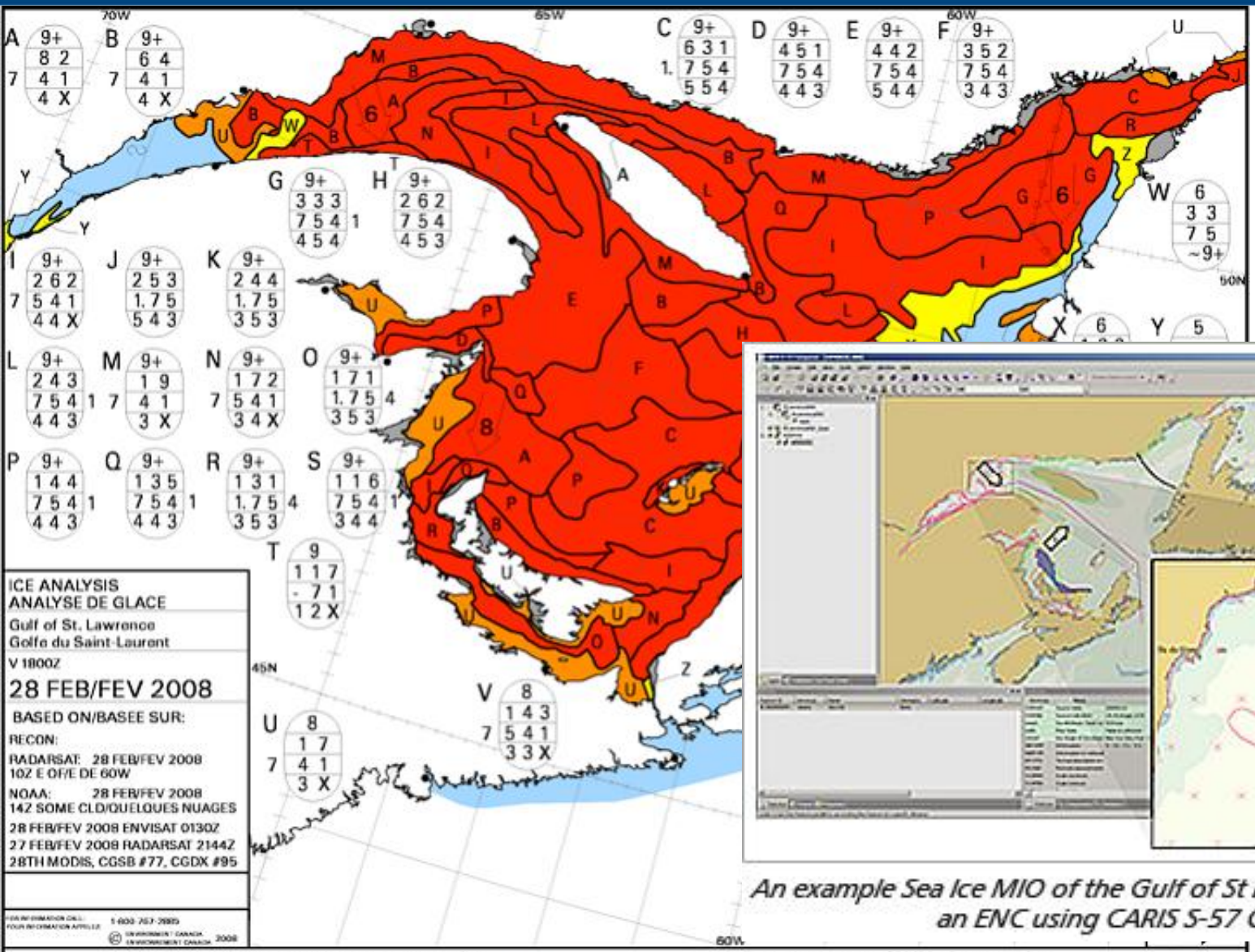
CARIS Chart Production Tools

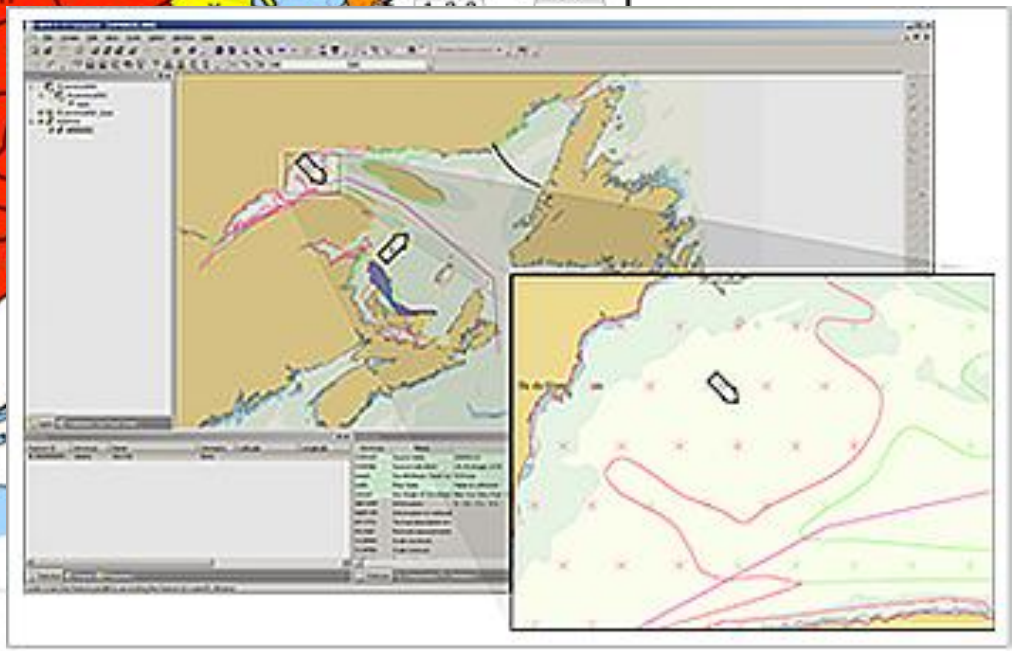




Hydrographic Production Database
Eliminate Redundancy in Data Management

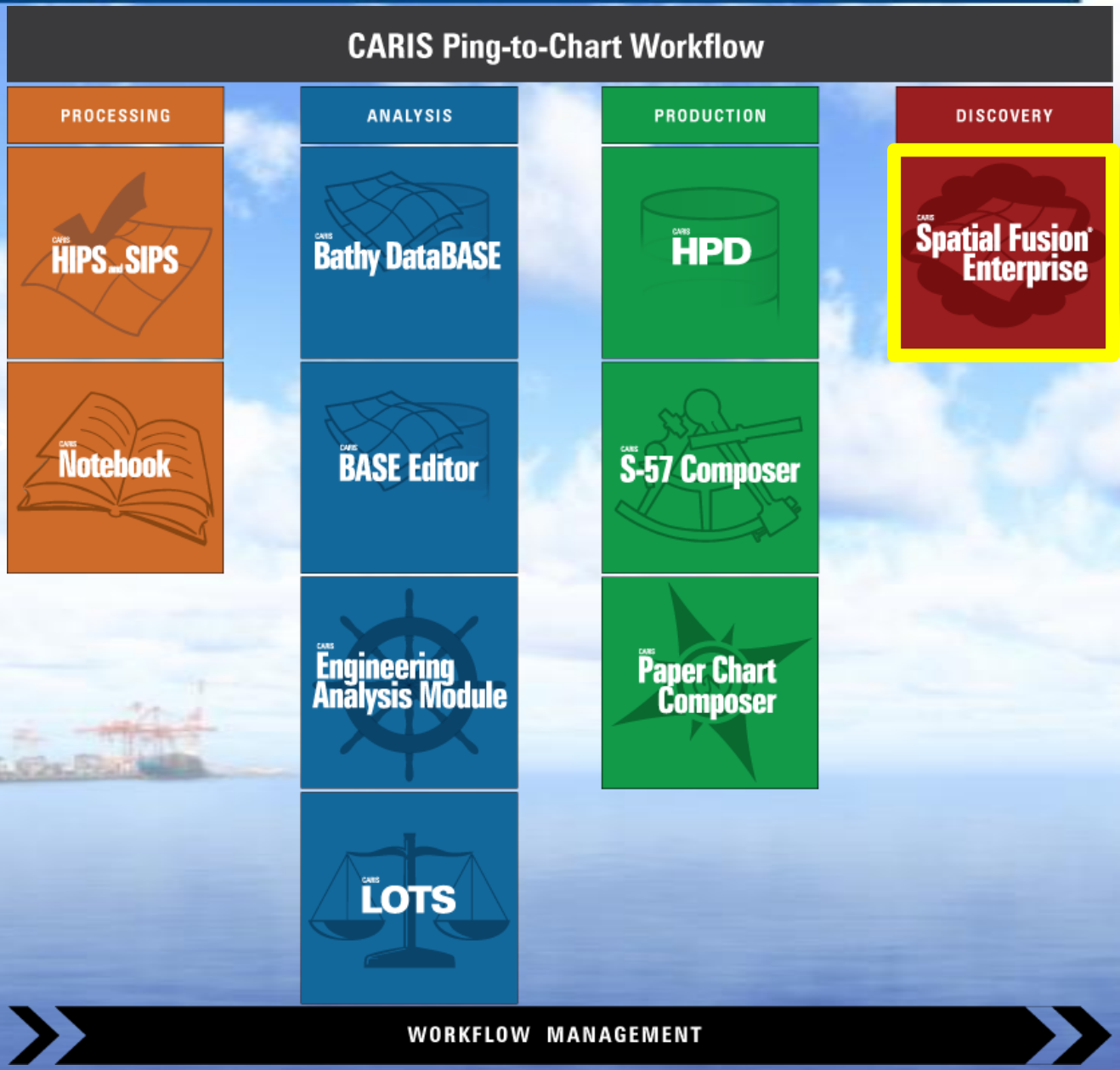
CARIS S-57 Composer



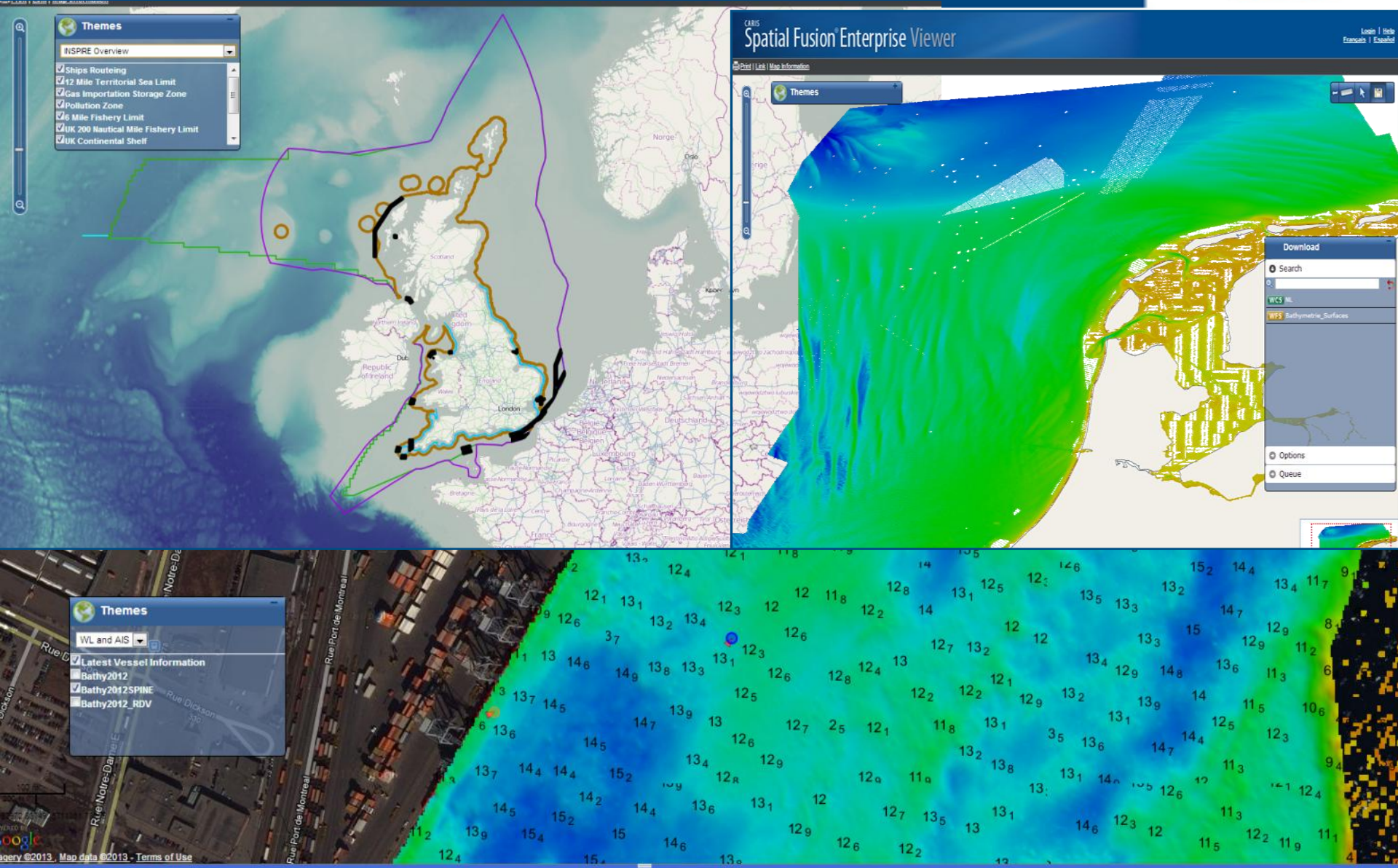


An example Sea Ice MIO of the Gulf of St Lawrence displayed over an ENC using CARIS S-57 Composer.

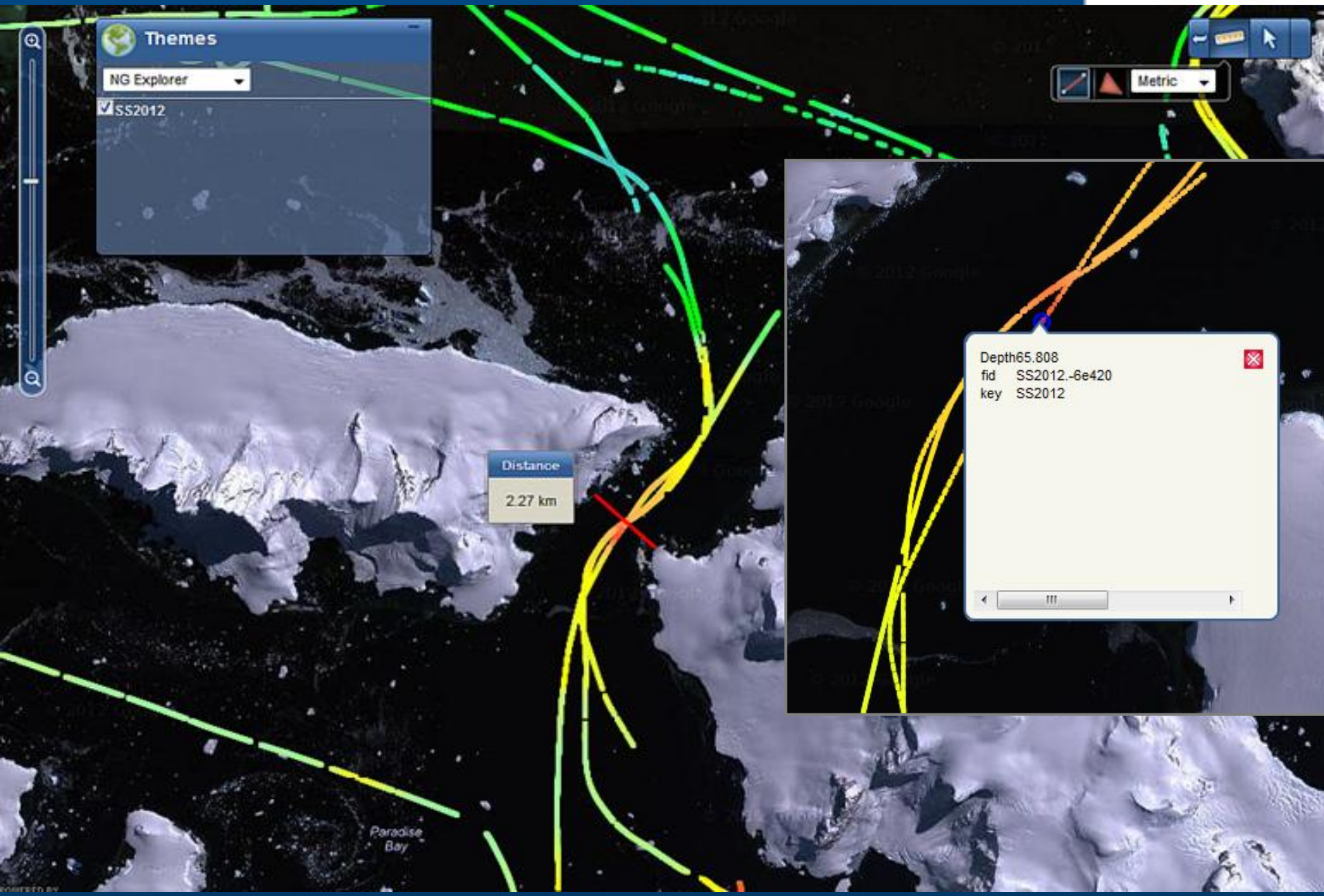
CARIS Products



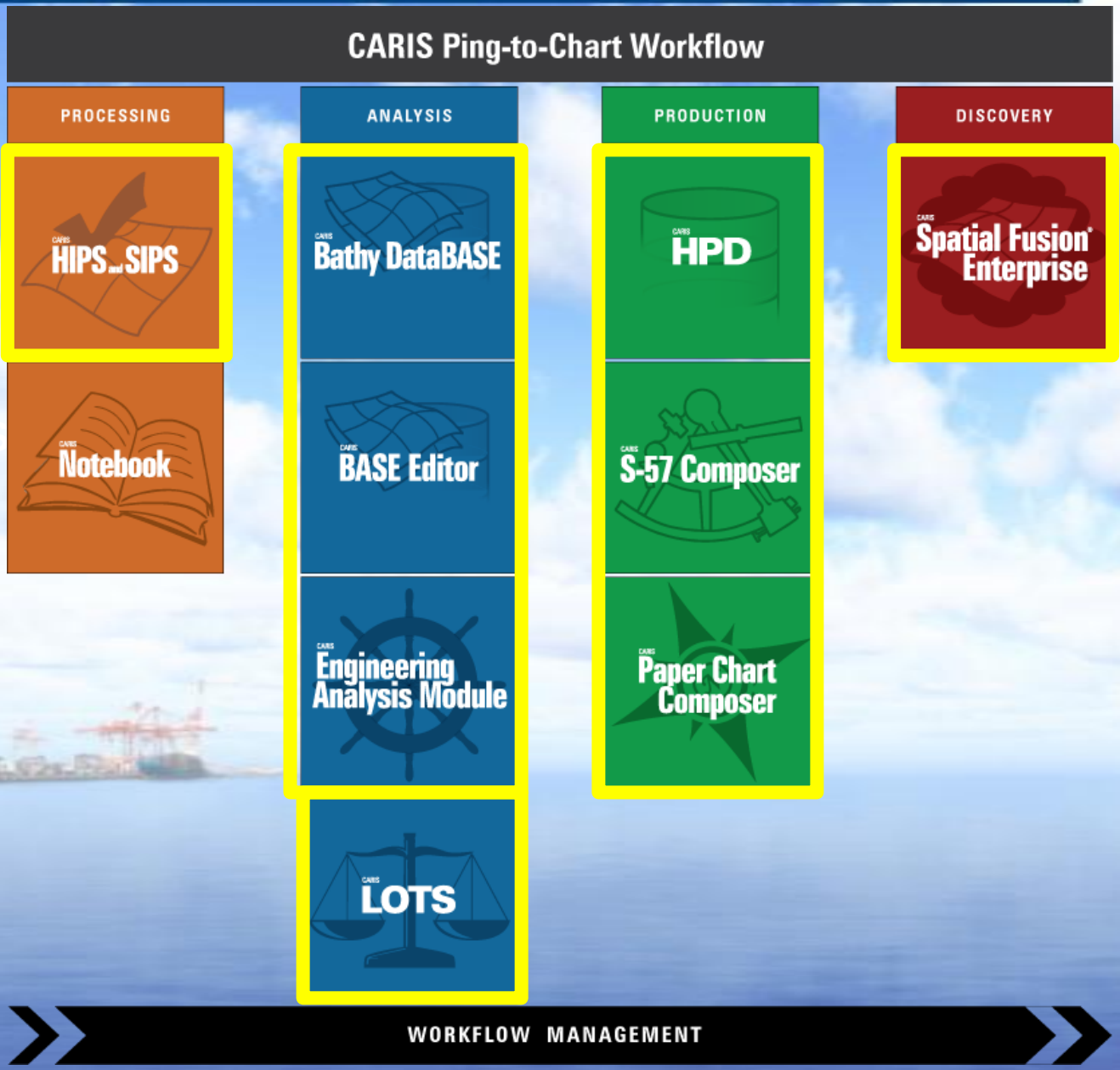
CARIS Spatial Fusion Enterprise



CARIS Spatial Fusion Enterprise



CARIS Products



- CARIS maintains strong ties with the marine community
  - Product Development is based on client feedback and market evolution
  - Active member of several industry standards committees
    - TSMAD, ISO/TC 211, OGC, IEHG, HIHWG and others
  - **CARIS International User Conferences**
    - CARIS 2012 – Vancouver, Canada
    - CARIS 2014 – Brest, France
  - **User Group Meetings (UGMs)**
    - 5th Bathy DataBASE UGM: October 2013 - Wellington, New Zealand
    - 6th Bathy DataBASE UGM: June 2014 - Brest, France
    - 7th HPD UGM: October 2013 - Wellington, New Zealand
    - 8th HPD UGM: October 2013 - June 2014 - Brest, France
    - 2nd HIPS and SIPS UGM: June 2014 - Brest, France
  - **Online User Forums**
    - Bathy DataBASE: http://www.caris.com/bdbforum/
    - HPD: http://www.caris.com/hpdforum/

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À l'appui de l'Économie Bleue
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CARIS 2014
June 2-5 | Brest, France | 2-5 juin
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