

Efforts to Reformat the GEBCO Gazetteer into a Geospatially Enabled Data Base .

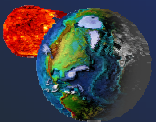
SCUFN20-09.1A

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SCUFN20
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Monaco



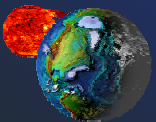
Overview

The British Oceanographic Data Center (BODC) is collaborating with the U.S. National Geophysical Data Center (NGDC) to reformat the GEBCO Undersea Feature Names Gazetteer into a geospatially enabled data base.



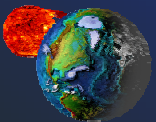
Advantages

- Enhanced display and search options:
 - GDA
 - GIS systems
 - Web-based interactive maps
 - KML files (Google Earth)
- Enhanced data base management capability



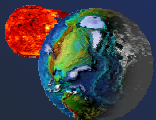
Preliminary Work: NGDC

- Transferred GEBCO gazetteer to Oracle data base table with expanded fields (name origin, variant names, etc.)
- Developed on-line interfaces for feature name display and submittal and data base management (<http://www.ngdc.noaa.gov/mgg/gebco/gazetteer/access.html>).



Current Work: BODC

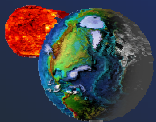
- Transferred GEBCO gazetteer to Access data base table via custom software
- Checked for missing data and typing errors
- Expanding software to enable easy database updates
- Identified features that require additional coordinates and reordered coordinates to display accurately



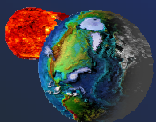
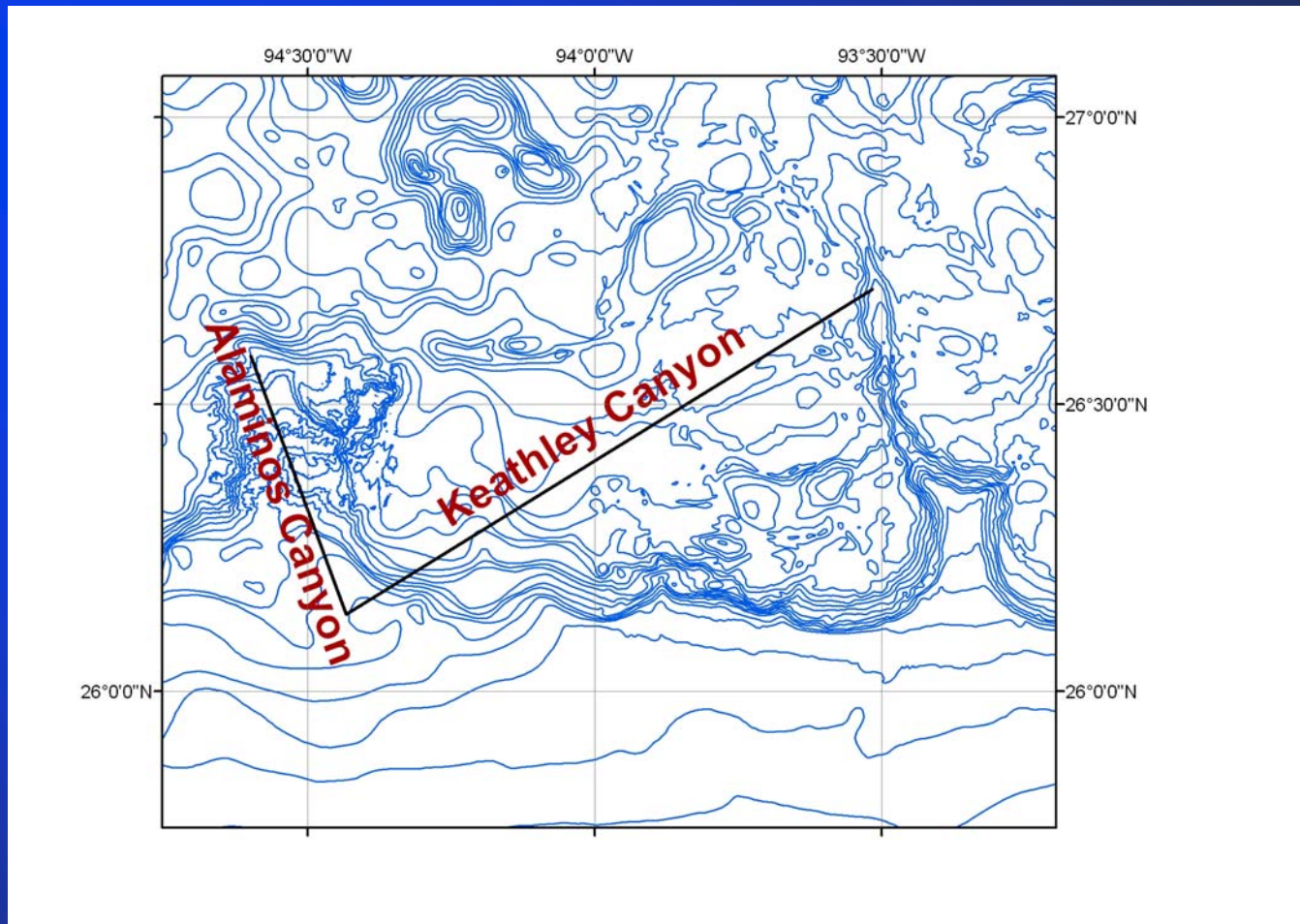
Future Work: BODC & NGDC

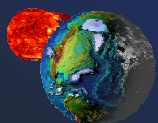
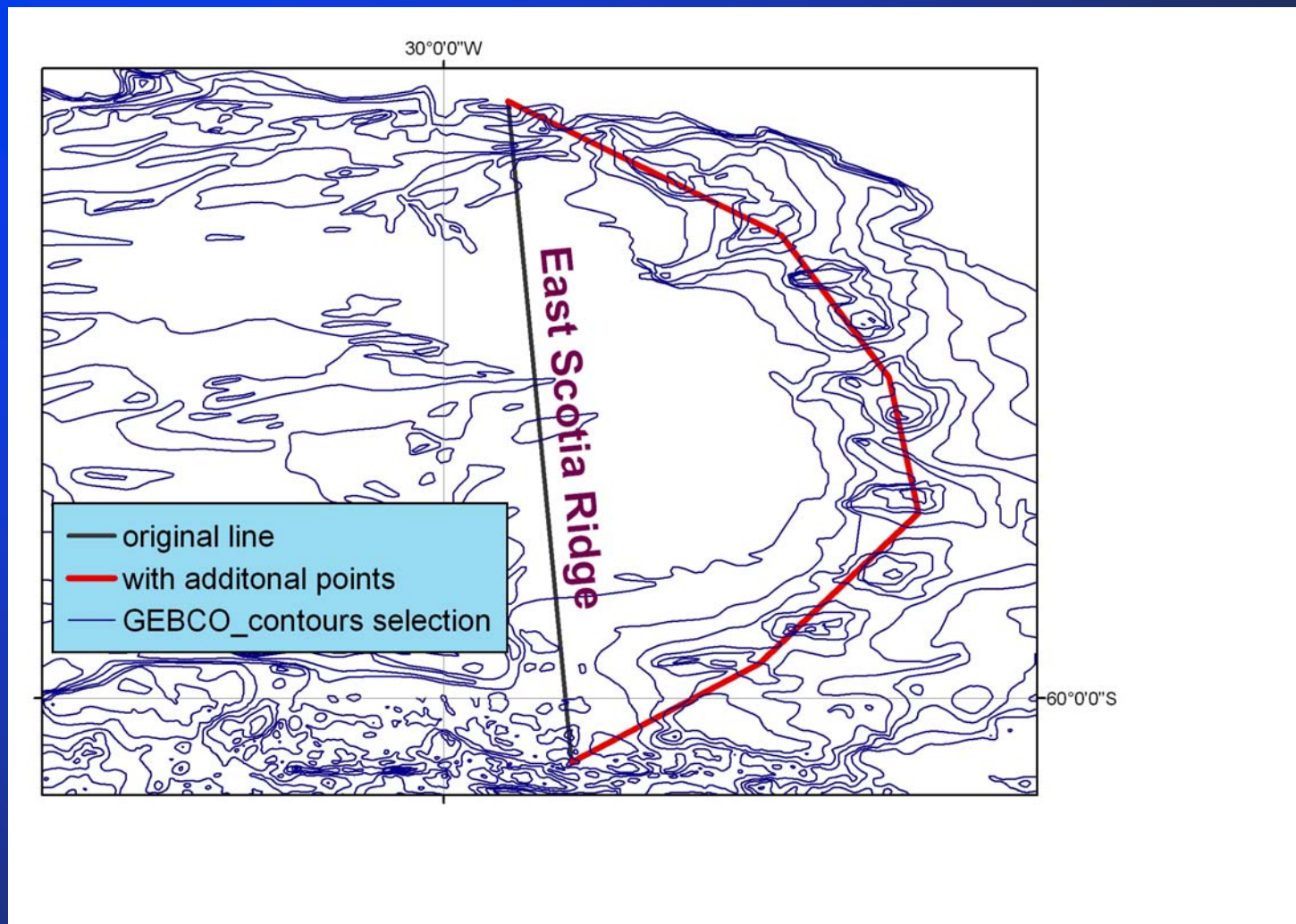
Expand on-line interfaces for:

- Access
- Display
- Search
- Name submittal
- Data base management

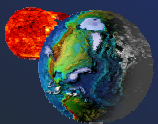
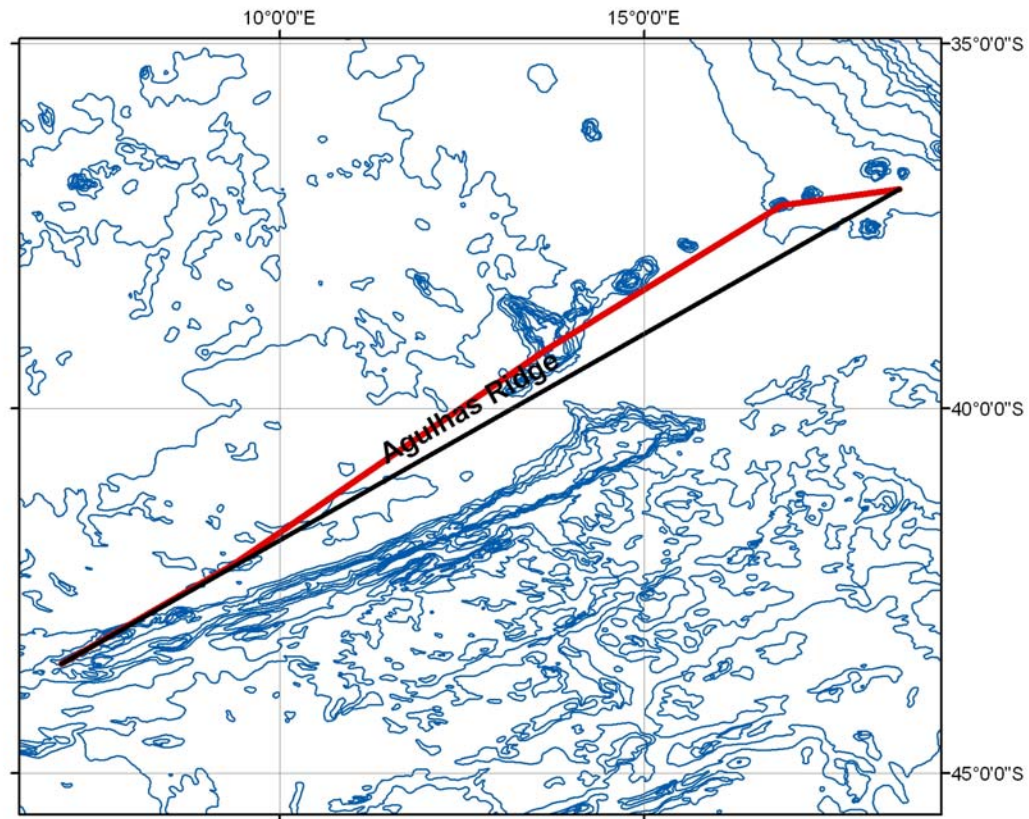


Managing Marine Geophysical Data





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The End