Twenty-third Meeting of the GEBCO Sub-Committee on Digital Bathymetry

Lamont-Doherty Geological Observatory of Columbia University
Palisades, New York, USA
11–13 September 2007

AGENDA

0900 Tuesday 11 September 2007, Lamont Hall
Arrive Lamont Hall by shuttle from Clinton Inn

1. OPENING, WELCOME, AND INTRODUCTIONS
   1.1 Welcome by Lamont Director Dr. G. Michael Purdy
   1.2 Introductions

2. CONDUCT OF THE MEETING
   2.1 Adoption of the Agenda
   2.2 Local logistics
      rest rooms, smoking policy, schedule, organizing car pools, head count for dinner
   2.3 Tabling of Documents
   2.4 Scheduling of oral and poster presentations

1030 – 1100 Coffee Break

3. CHAIRMAN’S “STRAW MAN” VISION FOR THE WAY AHEAD

1200 – 1300 Lunch (walk to the Lamont Cafeteria, each participant shall buy his/her own lunch)

4. OTHER MATTERS ARISING IN SCDB-XXII
   4.1 NGDC vs ENC SWB data comparison (Fox, SCDB XXII at para. 29)
   4.2 GC contact to Dr. Jeffrey Sachs via Dr. Ryan re Coastal Data (SCDB XXII at para. 46)
   4.3 Web access to data from gebco.net (Fox, Pharaoh, Ryan, SCDB XXII at para. 63)
   4.4 Nested or variable-meshed grids (Ryan, SCDB XXII at para. 64; Pharaoh at para. 49)
   4.5 Web presence

5. REVIEW OF ON-GOING ACTIVITIES AND CURRENT PRODUCT/PROJECT STATUS
   5.1 Report from Pauline Weatherall, GDA Manager
   5.2 Report from Chris Fox, IHO DCDB Director
   5.3 Report from Colin Jacobs, GEBCO Bathymetric Editor
   5.4 Report from Tony Pharaoh, IHB
   5.5 Liaisons with IBCs, regional data centers, and SCUFN (Fox?)
   5.6 Connections to NF/GEBCO Training Project (Monahan, Bashir, Hartoyo?)
   5.7 Other items (Margo Edwards? Michael Sexton?)

1500 – 1530 Coffee Break

6. LAMONT HIGHLIGHTS AND TOUR
   6.1 Lamont History (Doug Brusa)
   6.2 Core Lab (Rusti Lotti)
   6.3 Palisades Sill (Mark Anders)

1730 Reception (Monell Hall)
Shuttles to the Clinton Inn depart from Monell Hall at 1930
0900 Wednesday 12 September 2007

7. BATHYMETRIC SCIENCE DAY

**Oral Presentations**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>0900</td>
<td>“Two Hundred Years of the US Survey of the Coast”, Skip Theberge, NOAA</td>
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<td>0930</td>
<td>“Lamont in the History of Global Ocean Mapping”, John Diebold, LDEO</td>
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<td>1000</td>
<td>“A hovercraft for geophysical investigations in the inaccessible high Arctic”, John K Hall, Geological Survey of Israel (Retired)</td>
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<td>1030</td>
<td>Coffee Break and Poster Discussion</td>
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<tr>
<td>1100</td>
<td>“An overview on the MGDS, automatic data exchange with NGDC and our experiences with web services”, Suzanne Carbotte, LDEO</td>
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<td>1130</td>
<td>“An introduction to the Global Multi-Resolution Topography synthesis - approach and lessons learned”, Bill Ryan, LDEO</td>
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<tr>
<td>1200</td>
<td>Lunch</td>
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<td>1330</td>
<td>“A sea bottom landslide identified at a foot of a volcano”, Shin Tani, Japan Secretariat for Ocean Policy</td>
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<td>1400</td>
<td>“Indonesian Tsunameter”, Djoko Hartoyo, Indonesia Technology Center for Marine Survey</td>
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<td>1430</td>
<td>“The IBCSO data compilation Southern Ocean GIS (SOGIS): data management and processing perspectives”, Norbert Ott, AWI</td>
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<td>1500</td>
<td>Coffee Break and Poster Discussion</td>
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<tr>
<td>1530</td>
<td>“GeoMapApp - a web service enabled tool for visualization and analysis of multi-disciplinary marine geoscience data”, Andrew Goodwillie, LDEO</td>
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<td>1600</td>
<td>“Experiences using Google Earth to serve marine geoscience data”, Vicki Ferrini, LDEO</td>
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<td>1630</td>
<td>Poster Discussion until departure to Dinner at 1745</td>
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**Poster Presentations**

1. Brian Arbic, “Sensitivity of global tide models to large-scale bathymetry and small-scale roughness”
2. Karen Marks, “Towards an error budget for single-and multi-beam data”
3. Dave Monahan, “How much of the seafloor has ever been ensonified?”
4. & 5. Shin Tani, Sea bottom landslide maps (Two A0 Sheets)
6. & 7. Skip Theberge, Historic charts of the US Coast Survey (Two poster spaces)
8. Spare (Norbert Ott?)

**1800 Dinner at Pasta Amore, Piermont, New York**  
(participants will carpool as arranged; each shall pay for his/her own dinner)
Thursday 13 September 2007  (Arrival at Lamont Hall is by shuttle from the Clinton Inn)

0900   Resume meeting agenda
1030 – 1100  Coffee Break
1200 – 1330  Lunch
1500   Coffee Break

8. DISCUSSION OF THE WAY FORWARD.  Goal: Consensus Work Plan and Timetable for a new GEBCO grid and GDA by 2010, including technical and policy issues, items for Guiding Committee review/approval, who will do what, etc.

9.  ANY OTHER BUSINESS

10. CLOSURE OF THE MEETING   (Shuttles to Clinton Inn must be scheduled)

Note:  Due to limitations on poster display space, only eight posters may be displayed at any time. It is proposed that some posters appear on Wednesday as above, and that the following posters will not display on Science Day but will be displayed during Tuesday’s and Thursday’s Agenda sessions, to facilitate discussion of Agenda items:

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
<td>Tony Pharaoh, “Improving the GEBCO One Minute Grid in shallow water areas”</td>
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<tr>
<td>2</td>
<td>Breanna Binder, “Assembly and editing of global sounding data”</td>
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<td>3</td>
<td>Seung-Hee Kim, “Identification and editing of incorrect soundings in v9.1 Global Predicted Depth”</td>
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<tr>
<td>4 - 7</td>
<td>Walter Smith, “Global Estimated Depth v9.1-draft” (Four sheets)</td>
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<td>8</td>
<td>Spare (Colin Jacobs?)</td>
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