

## **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**

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

**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 GEBSCO 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:**

1	Tony Pharaoh, "Improving the GEBSCO One Minute Grid in shallow water areas"
2	Breanna Binder, "Assembly and editing of global sounding data"
3	Seung-Hee Kim, "Identification and editing of incorrect soundings in v9.1 Global Predicted Depth"
4 - 7	Walter Smith, "Global Estimated Depth v9.1-draft" (Four sheets)
8	Spare (Colin Jacobs?)