



Joint meeting of the
GEBCO Technical Sub-Committee for Ocean Mapping
GEBCO Sub-Committee for Regional Undersea Mapping
GEBCO Outreach Working Group

TSCOM/SCRUM/OutreachWG Notes

Welcomed by Rear Admiral Patricio Carrasco, Hydrographer of Chile.

Administration from Lcdr Felipe Barrios, SHOA, including earthquake emergency procedures.

Martin Jakobsson (MJ) and Karen Marks (MK) introduced the agenda.

MK gave a presentation on the activities of TSCOM over the past year. Activities of CSBWG and IHO DCDB web portal were highlighted. OutreachWG developments were detailing including creation on information web pages and GEBCO project and community videos. Global Multi-Resolution Topography dataset was noted. Further developments of the IHO-IOC GEBCO Cook Book, noted a live publication which had been up dated twice in 2016. Highlighted GEBCO Science Day 2016 and Nautical Chart Adequacy Workshop hosted by NOAA.

MJ gave a presentation on the activities of SCRUM. He noted the main events had been the F-FOFM and the Arctic-Antarctic Mapping meeting. Also noted GEBCO had been represented at a number of RHC meetings. He highlighted that 3 new datasets from ENCs had been provided in response to the IHO CL request for shallow water data.

MJ noted the status of relevant IHO publications and GEBCO maps.

Status reports on individual programmes were provided:

Updating the GEBCO Grid – Pauline Weatherall (BODC, UK)
F-FOFM – Martin Jakobsson (UoS, Sweden)
EMODnet Bathymetry – Thierry Schmitt (SHOM, France)
SHOM DEM and High Seas data – Thierry Schmitt (SHOM, France)
Remodelling SCUFN Undersea Feature Database – Tony Pharaoh (IHB)
CSBWG – Lisa Taylor (NCEI-NOAA, USA)
OutreachWG – Hyo Sung (EWHA, RoK)
GEBCO high resolution products – Vicki Ferrini (Lamont-Doherty, USA)
Indian Ocean bathymetric grid – Rochelle Wigley (UNH, USA)
Columbia basin – Gustavo Gutierrez (DIMAR-CIOH, Colombia)
Canadian regional mapping programmes – Serge Lévesques (CHS, Canada)
International Bathymetric Chart of Arctic Ocean – Martin Jakobsson (UoS, Sweden)
Science Day – Tim Kearns (Ocean Aero, USA)/Jaya Roperez (NAMRIA, Philippines)
XPrize – Robin Falconer (New Zealand)

These reports generated numerous questions and broad reaching discussions. Colombia provided a copy to their dataset for inclusion in the GEBCO grid; Canada notified the intent to

provide datasets covering North Atlantic transects, North Pole expedition and ENC data for inclusion in the GEBCO grid, once an agreement has been signed between CHS and BODC. IHB highlighted the position of Research Vessel Coordinator (RVC), which is funded by the CHS initially for a period of two years, under the Galway Implementation programme. The RVC is responsible for identifying transect opportunities, liaising with appropriate authorities and organizations to obtain vessel berths and time, and filling the berths with suitably qualified personnel to gather and process the data obtained for inclusion in the AORA database. Progress achieved at Arctic-Antarctic Mapping meeting was highlighted, including new datasets uncovered.

Feedback from breakout groups:

TSCOM/SCRUM:

- Update to GEBCO_2017 grid next year;
- Keep current SRTM30_Plus V5 base grid;
- Define metadata requirements to contributing to GEBCO
- After GEBCO_2017, next update results from Seabed 2030 efforts;
- Identify regional contributions to provide data for 2017 optimally at higher resolution;
- Plan new release paper for Gebco-2017 including GEBCO Hi-Resolution Product; and
- Investigate how to contact industry to ask for data contributions.

OutreachWG:

- Discussed organization issues in Outreach WG;
- Identified vice-Chair, secretary and members;
- Draft ToRs;
- Review outreach activities and discuss near-future plans;
- Review improvements in outreach website for secondary school students;
- Discuss work programme and budget allocation plan for 2017-2018;
- Harmonize activities with Seabed 2030 developments;
- Need to expand target community whether the unknown or the known;
- Create different products and activities for the different target audiences; and
- Develop Outreach website as a subpage of the GEBCO website and encourage comments for improvements.

MJ announced stepping down as chair SCRUM, current vice-Chair expressed no wish to take role; therefore Vicki Farrini was elected as new chair SCRUM.