



## GENERAL BATHYMETRIC CHART OF THE OCEANS (GEBCO) SUB-COMMITTEE ON REGIONAL UNDERSEA MAPPING (SCRUM) TERMS OF REFERENCE AND RULES OF PROCEDURE

### Preamble

At a meeting of some GEBCO Guiding Committee (GGC) members (and one IHB representative) in Silver Spring, Maryland, USA on 18-29 May 2009, it was decided that a new Sub-Committee was required to coordinate, encourage, and provide an interface with the various regional mapping efforts being conducted by IOC, IHO and others. In addition, such a Sub-Committee on Regional Undersea Mapping (SCRUM) could function as an Editorial Board endorsing regional products to be included in GEBCO. These Terms of Reference and Rules of Procedure were presented to the full GGC at the annual meeting on 1-2 October 2009 in Brest, France, and the creation of the Sub-Committee was approved on an interim basis. At the following GGC meeting in Lima, Peru, on 18 September 2010, the Committee approved the formation of SCRUM on a permanent basis, subject to the approval of IOC and IHO. Authority for the creation of this sub-committee is included in the GGC Terms of Reference, paragraph 8, which states that “The GEBCO Guiding Committee shall direct and monitor the work of the GEBCO Sub-Committees and Working Groups; propose to IHO and IOC the creation or termination of Sub-Committees, and create, maintain and terminate Working Groups as deemed necessary.” In accordance with paragraph 9 of the GEBCO Terms of Reference, SCRUM shall ~~cooperate with regional International Bathymetric Chart (IBC)~~ coordinate with regional mapping projects on the specifications and preparation of regional digital bathymetric models and charts, to ensure their compatibility with, and eventual inclusion in, GEBCO products.

### 1. Terms of Reference

- 1.1 The Sub-Committee reports to the Joint IOC-IHO GEBCO Guiding Committee (GGC) as its designated authority for all regional mapping and coordination matters ~~technical matters~~ relevant to the goals of GEBCO as set out in the GGC Guiding Committee Terms of Reference and Rules of Procedure.
- 1.2 The Sub-Committee shall:
  - 1.2.1 Maintain liaison and cooperate with all existing regional mapping efforts ~~under the International Bathymetric Chart (IBC) initiative as well as other relevant regional bathymetric mapping projects~~ to GEBCO products.
  - 1.2.2 ~~Act as an Editorial Board by e~~ Contributing to the reviewing and validating validation of the resulting regional products before incorporation into the GEBCO global grid.
  - 1.2.3 Foster coordination between ~~the IBC and other~~ relevant regional bathymetric mapping projects and the IHO Data Centre for Digital Bathymetry (IHO DCDB) to capture, for long-term archive, the bathymetric data used by these projects.
  - 1.2.4 Encourage the establishment of new IHO/IOC regional bathymetric mapping projects to fill current gaps in global bathymetry.
  - 1.2.5 Establish, support, and/or disband working groups or project teams, as needed, to carry out specific tasks or product developments that advance the GEBCO Project.

Commented [DJW1]: Concur



1.2.6 Work closely with other GEBCO Sub-Committees and subordinate bodies of the IHO and IOC on matters of common interest.

## 2. Rules of Procedure

2.1 Membership of the Sub-Committee is covered by the following rules:

~~2.1.3~~ 2.1.3 Members of the Sub-Committee are experts in their own right acting exclusively for the benefit of the Joint IHO-IOC GEBCO Project.<sup>1</sup>

~~2.1.2~~ 2.1.2 The Sub-Committee shall normally consist of a Chair and Vice-Chair elected by the members and endorsed by the Joint IOC/IHO GEBCO Guiding Committee (GGC), and a number of additional members including representatives of ~~any IBCs and other relevant regional bathymetric mapping projects as well as regional bathymetric experts.~~

2.1.3 Members are expected to participate in the committee's work in a meaningful way. This can include, but is not limited to, attendance at in-person or virtual meetings, active and substantive email correspondence, or meaningful contribution to a GEBCO activity or working group. After a non-participation period of a member exceeding 2 years, the member's status is changed to a non-voting inactive member, and the Chair may approach them about withdrawing his/her membership.

~~2.1.2~~ 2.1.2 The Chair and the Vice-Chair shall be elected by active Sub-Committee members. Their nominations are subject to endorsement by the GGC.

2.3 The Chair and Vice-Chair are elected for a ~~three~~ three-year period, (under the limit of ~~three consecutive terms~~). ~~The Chair will normally be succeeded by the Vice-Chair. The Chair and Vice-Chair may be re-elected for additional terms if desired by the sub-committee members and available.~~

~~2.1.3~~ 2.1.3 ~~Members of the Sub-Committee are experts acting exclusively for the benefit of the Joint IHO-IOC GEBCO Project.~~<sup>2</sup>

~~2.2.4~~ 2.2.4 The Chair or, in his/her absence, the Vice-Chair shall conduct the business of the Sub-Committee. ~~If the Chair is unable to carry out the duties of the office, the Vice-Chair shall assume the Chair with the same powers and duties.~~ Meetings will usually be held every year, ideally before the GGC meeting. In the intervening period the Sub-Committee shall conduct its business via all appropriate media by correspondence (preferably electronic mail).

2.5 Individuals who can provide a relevant and constructive contribution to the work of the Sub-Committee may attend meetings as Scientific Advisors with observer status, at the invitation of the Chair or Vice-Chair.

2.6 Entities and organisations that can provide a relevant and constructive contribution to the work of the Sub-Committee may be represented at meetings as Expert Contributors with observer status at the invitation of the Chair or Vice-Chair.

Commented [DJW2]: Concur

Commented [MD3]: Maybe it is me, but it does not seem very obvious how one joins the SCRUM, should they have an interest. I have seen a roster, so I know one exists, but it seems that unless one attends a GEBCO meeting and expressly hears an invitation to join, there is no open, visible and transparent process to solicit participation and members. In my mind, we need to improve communications around joining SCRUM and all of the subcommittees in addition to establishing the mechanism for staying.

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Commented [MD4]: TSCOM have proposed editing their ToR to remove the statement that the Chair will normally be succeeded by the Vice-Chair. I agree with others comments that we should probably be consistent between subcommittees. Further, should we mention that solicitations for Chair and Vice-Chair nominations will occur every election cycle? This allows others interested in in taking the Chair or Vice-Chair positions to put their names forward. There may be no interest, or they may not be successful, but at least there is a mechanism.

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<sup>1</sup> So far as IOC is concerned, the Sub-Committee is classed as a Joint Group of Experts under the IOC Guidelines for subsidiary bodies.

<sup>2</sup> So far as IOC is concerned, the Sub-Committee is classed as a Joint Group of Experts under the IOC Guidelines for subsidiary bodies.



~~2.3 Individuals who can provide a relevant and constructive contribution to the work of the Sub-Committee may attend meetings as Scientific Advisors with observer status, at the discretion of the Chair or Vice Chair.~~

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~~2.4 Entities and organizations that can provide a relevant and constructive contribution to the work of the Sub-Committee may be represented at meetings as Expert Contributors with observer status.~~

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~~2.5 Members are expected to regularly attend the Sub-Committee, and must attend at least two consecutive meetings to be considered voting members. If Sub-Committee members are not present for three consecutive meetings, they will be removed from the list of active membership of the sub-committee.~~

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**Commented [MD5]:** This is similar in the TSCOM ToR, but is worded differently. Should we be consistent?

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~~2.67 Members are expected to attend every meeting of the Sub-Committee. In case of absence, apologies should be sent to the Chair prior to the meeting. Observers from IHO and/or IOC Member States may attend meetings. Due to logistic constraints, attendance shall normally be limited to one observer per Member State.~~

**Commented [MD6]:** Again. This is similar in TSCOM ToR, but worded differently.

~~2.7.8 The quorum to hold a meeting to hold a meeting shall be not less than 50% of the listed active Sub-Committee Members. The Sub-Committee shall strive to make decisions by consensus. If consensus cannot be reached, decisions shall be taken by simple majority vote. Only listed active members present may cast a vote. The Chair shall have the casting vote if there is a tie.~~

~~2.8.9 Recommendations and advice of the of the Sub-Committee shall be provided directly to the appropriate subordinate bodies of GEBCO~~

~~2.10 Recommendations subject to a decision must be submitted to the GGC for consideration consideration and decision.~~

~~2.9.11 The Chair shall submit an annual report to the Chair of the GGC.~~