

## TITLE

Submitted by Chair TSCOM (Netherlands)

### SUMMARY

Executive Summary: This document provides details of the TSCOM activities since GGC38 and the annual meeting for the GGC39.

Action to be taken: As described in paragraph 3

Related documents: Presentation of TSCOM, Workplan TSCOM

## 1. Overview/Introduction

Since GGC36, the TSCOM:

- a. Released a 2022 version of the GEBCO grid
- b. Participated in Seabed 2030 technical team meetings
- c. Started the Applied Discrete Global Grid Systems (A-DGGS) WG
- d. Started the Opportunistic Mapping Resource WG
- e. Started work on the Deep Argo Work item
- f. Re-started activities of the Meta Data WG
- g. Updated IOC-IHO GEBCO Cookbook
- h. Is preparing the DCDB industry day
- i. Held a VTC meeting in September
- j. Welcomed 3 new members (2 industry members)

## 2. Discussion/Background information

- a. Now the digital Atlas is discontinued there is no reference for the GEBCO grid. As such it is not listed in TSCOM's workplan. It is currently unclear who holds ownership of the grid and therefore advice from GGC39 is necessary on this subject
- b. Because of the Seabed 2030 review of its communication structure these meetings have been suspended until a new structure is in place
- c. The A-DGGS WG has been established in response to a Seabed 2030 request to study multi resolution gridding methods potentially usable for the GEBCO grid and Seabed 2030 deliverables
- d. The OMR WG has been established to bring structure in the growing number of tools and applications that keep track of gaps in the GEBCO coverage. There is a serious risk that resources and budgets are used for overlapping or even duplicating activities. The OMR WG works in close co-operation with Seabed 2030.

- e. The Deep ARGO work item is supposed to conclude on the feasibility of using data derived from groundings of ARGO floats for calibration of the GEBCO grid.
- f. After issuing the metadata schema, the MD WG will no look in how the schema can be used to improve the overall workflow and quality of the GEBCO grid
- g. A new edition (e-pub) of the GEBCO cookbook will be published end of 2022.
- h. The industry Day is scheduled for 2023. It will be held as a series of workshops in which the industry will be challenged to better facilitate the data pipeline of the DCDB.
- i. Minutes are available through the secretary.
- j. Names will be published on the GEBCO website

### 3. Action

The GGC is requested to:

- a. **Note** the contents of this report;
- b. **Advice** on the addition of the GEBCO grid to the list of IHO publications;
- c. **Approve** 2023 budget;
- d. **Approve** 2023 workplan;
- e. **Take** any other action deemed appropriate.