

## 1.1. IHO-IOC GEBCO Technical Sub-Committee on Ocean Mapping (TSCOM) Work Plan 2021-2022

### 1.1 TSCOM Tasks

- B Ensure conduct of TSCOM meeting in 2021 (IHO Task 3.6.1)
- C Ensure effective operation of IHO DCDB (IHO Task 3.6.2)
- D Develop and maintain tools to facilitate the contribution of bathymetric data to the IHO DCDB (IHO Task 3.6.3)
- E Maintain IHO bathymetric publications (IHO Task 3.6.6) including: B-4, B-9, B-10 and B-11
- F Develop the on-line function of B-4 (Information concerning recent bathymetric data) (IHO Task 3.6.6)
- G Support SCOPE in its outreach and education about ocean mapping (IHO Task 3.6.7) by development and dissemination of IHO-IOC GEBCO products such as the Global Gridded Product and Printed World Map
- H Ensure IHO-IOC GEBCO Web site is kept current and updated regularly (IHO Task 3.6.8)
- K Provide technical support, advice, and review to Seabed 2030 Project Director, RDACCs and GDACC
- L Provide support and advice to developing and validating emerging technologies for compiling and disseminating bathymetry

| Task | Work item  | Priority<br>H-high<br>M-medium<br>L-low | Milestones                     | Start Date | End Date | Status<br>P-planned<br>O-ongoing<br>C-completed | Contact Person(s)<br>* indicates leader              | Related Pubs/Standard  | Funding Bid (€) | GGC Decision |
|------|--|---|--------------------------------|------------|----------|---|--|--|-----------------|--------------|
| B    | Ensure conduct of TSCOM meeting                          | H                                       | Report of TSCOM meeting to GGC | 2021       | 2021     | P   | Chair TSCOM  |  |                 |              |
| C    | Ensure effective operation of IHO DCDB                   | H                                       | Conduct review                 | Continuous |          | O   | Director DCDB  |  |                 |              |
| D1   | Document dataflow processes                              | H                                       | Cookbook instructional chapter | Continuous |          | O   | Chair TSCOM<br>Director DCDB<br>Director Seabed 2030 |  |                 |              |
| D3   | Conduct DCDB Industry Day and Data Contribution Workshop | H                                       | Conduct workshop               | 2020       | 2022     | P   | Chair TSCOM<br>Director DCDB                         |  | 15,000          |              |
| E1   | Maintain IHO bathymetric publications                    | M<br>L<br>H                             |                                | Continuous |          | O   | All members of GEBCO GC through the Chair            | B-4 - Information concerning recent bathymetric data<br>B-9 - GEBCO digital atlas<br>B-11 - GEBCO Cookbook |                 |              |

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|------|--|---|---|--|--|---|--|-----------------------|-----------------|--------------|
| E2   | Add and update instructive chapters in IHO-IOC GEBCO Cook Book | H                                       | Maintain B-11<br><br>Add section related to Seabed 2030<br><br>Investigate e-Publication format for B-11<br><br>Seek instructive chapters on contributing data, metadata requirements, platforms for viewing gaps and coverage, CSB, etc.<br><br>Request the GGC to endorse the proposal to convert B-11 into an e-Publication format | Continuous<br><br>2019<br><br>2020<br><br>Continuous<br><br>2019 | <br><br>2020<br><br>2021<br><br>2021<br><br>2022 | O<br><br>C<br><br>P<br><br>O<br><br>C           | Chair TSCOM<br>Chair, Cookbook Working Group | B-11 GEBCO Cookbook   | 5,000           |              |
| F    | Develop, review, and maintain the on-line function of B-4      | M                                       | Conduct review  | Continuous   |  | O   | Director DCDB                                |                       |                 |              |

| Task | Work item  | Priority<br>H-high<br>M-medium<br>L-low | Milestones   | Start Date | End Date | Status<br>P-planned<br>O-ongoing<br>C-completed | Contact Person(s)<br>* indicates leader | Related Pubs/Standard | Funding Bid (€) | GGC Decision |
|------|--|---|--|------------|----------|---|---|-----------------------|-----------------|--------------|
| H3   | Review, Update and Maintain IHO-IOC GEBCO and Seabed 2030 Websites   | M                                       | Update website with meeting documents                                | 2019       | 2020     | C   | BODC                                    |                       | 15,000          |              |
|      |  |   | Validate members and contact information for SCRUM, TSCOM, and SCOPE | 2019       | 2020     | C   | Chairs TSCOM, SCRUM, SCOPE              |                       |                 |              |
|      |  |   | Review and maintain all working links                                | 2019       | 2022     | O   | Chair TSCOM, BODC                       |                       |                 |              |
|      |  |   | Provide technical and content review of both websites                | 2019       | 2022     | O   | Chairs TSCOM, SCRUM, SCOPE              |                       |                 |              |
| K1   | Support Seabed 2030  | H                                       | Provide scientific expertise and outreach                            | 2018       | 2030     | O   | Chair TSCOM                             |                       |                 |              |
| K2   | Travel to assist gathering technical needs from RDACCs and GDACC   | H                                       | Attend RMCs for RDACCs   | 2019       | 2020     | O   | Chair TSCOM                             |                       |                 |              |
| K3   | Provide oversight and review of Seabed 2030 web services, methodologies and applications in accordance with TSCOM ToRs | H                                       | Conduct regular reviews and participate in technical meetings        | 2019       | 2030     | O   | Chair TSCOM                             |                       |                 |              |

| Task | Work item  | Priority<br>H-high<br>M-medium<br>L-low | Milestones  | Start Date | End Date | Status<br>P-planned<br>O-ongoing<br>C-completed | Contact Person(s)<br>* indicates leader | Related Pubs/Standard | Funding Bid (€) | GGC Decision |
|------|--|---|---|------------|----------|---|---|-----------------------|-----------------|--------------|
| L1   | Develop template for seafloor mapping route optimization application | H                                       | Conduct requirements survey<br><br>Prototype and document web app | 2019       | 2022     | C<br><br>O                                      | Chair TSCOM                             |                       | 10,000          |              |

## 1.2 TSCOM Meetings (IHO Task 3.6.1 refers)

| Date                  | Location                       | Activity                      |
|-----------------------|--------------------------------|-------------------------------|
| 1-4 October 2012      | IHB, Monaco                    | XXVIII <sup>th</sup> Meeting  |
| 7&9 October 2013      | Venice, Italy                  | XXIX <sup>th</sup> Meeting    |
| 11-13 December 2014   | Mountain View, California, USA | XXX <sup>th</sup> Meeting     |
| 5-7 October 2015      | Kuala Lumpur, Malaysia         | XXXII <sup>th</sup> Meeting   |
| 10-12 October 2016    | Viña del Mar, Chile            | XXXIII <sup>th</sup> Meeting  |
| 13-14 November 2017   | Busan, Korea                   | XXXIV <sup>th</sup> Meeting   |
| 5-6 November 2018     | Canberra, Australia            | XXXV <sup>th</sup> Meeting    |
| 4-5 November 2019     | Portsmouth, NH, USA            | XXXVI <sup>th</sup> Meeting   |
| 11-15 January 2021    | Remote VTC                     | XXXVII <sup>th</sup> Meeting  |
| October/November 2021 | tbc                            | XXXVIII <sup>th</sup> Meeting |

Chair: Thierry Schmitt  
Vice-Chair: Caitlyn Raines  
Secretary: David Wyatt

Email: Thierry.Schmitt@shom.fr  
Email: craines@esri.com  
Email: adso@iho.int