

## 1.1. IHO-IOC GEBCO Technical Sub-Committee on Ocean Mapping (TSCOM) Work Plan 2020-2021

### 1.1 TSCOM Tasks

- B Ensure conduct of TSCOM meeting in 2020 (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), ~~identify priority areas for regional mapping and promote data contribution through GEBCO participation in RHCs meetings~~
- 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~~ Contribute to outreach and education about ocean mapping (IHO Task 3.6.7) by development ~~of~~ and dissemination of outreach and educational materials and printing of IHO-IOC GEBCO products such as the Global Gridded Product and Printed World Map
- H Ensuring/Ensure IHO-IOC GEBCO Web site is kept current and updated regularly (IHO Task 3.6.8)
- I ~~Develop short course and course material on compiling digital bathymetric models (DBMs) to be included in GEBCO from a heterogeneous bathymetric source database (IHO Task 3.6.9)~~
- K Provide technical support, ~~and 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

Commented [CR1]: Move to SCOPE as part of ed and outreach

Task	Work item	Priority H-high M-medium L-low	Milestones	Start Date	End Date	Status P-planned O-ongoing C-completed	Contact Person(s) * indicates leader	Related Pubs/Standard	Funding Bid (€)	GGC Decision
B	Ensure conduct of TSCOM meeting	H	<u>Report of TSCOM meeting to GGC</u>	2020	2020	P	Chair TSCOM			
C	Ensure effective operation of IHO DCDB	H	<u>Conduct review</u>	Continuous		O	Director DCDB			

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D1	<u>Encourage the contribution of bathymetric data to the IHO DCDB</u> <u>Review and update GEBCO data contribution workflows and portals</u> <u>Document dataflow processes</u>	H	<u>Cookbook instructional chapter</u>	Continuous		O	<u>All members of GEBCO GC through the Chair</u> <u>Chair TSCOM</u> <u>Director DCDB</u> <u>Director Seabed 2030</u>			
<u>D2</u>	<u>Conduct DCDB Industry Day and Data Contribution Workshop</u>	<u>H</u>	<u>Conduct workshop</u>	<u>2020</u>	<u>2020</u>	<u>P</u>	<u>Chair TSCOM</u> <u>Director DCDB</u>		<u>30,000</u>	
D3	<u>Promote data contribution through GEBCO participation in RHCs meetings</u>	H		Continuous		O	<u>All members of GEBCO GC through the Chair</u>			
E1	Maintain IHO bathymetric publications	M L HM		Continuous		O	All members of GEBCO GC through the Chair	B-4 - Information concerning recent bathymetric data B-9 - GEBCO digital atlas B-10 - The history of GEBCO B-11 - GEBCO Cookbook		

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Commented [A2]: Transfer responsibility to SCOPE



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H2	<p><u>Ensuring IHO-IOC GEBCO Web site is kept current and updated regularly</u></p> <p><u>Update Printed GEBCO map</u></p>	LM	<p>Add news items relating to GEBCO's activities</p> <p>Add documents relating to GEBCO's meetings and events</p> <p>Complete update of new GEBCO World Map</p>	Continuous		O	BODG Chair TSCOM			
				Continuous		O				
				Continuous		O				

Task	Work item	Priority H-high M-medium L-low	Milestones	Start Date	End Date	Status P-planned O-ongoing C-completed	Contact Person(s) * indicates leader	Related Pubs/Standard	Funding Bid (€)	GGC Decision
H3	<a href="#">Review and Update IHO-IOC GEBCO and Seabed 20230 Websites</a>	M	<a href="#">Update website with meeting documents</a>  <a href="#">Validate members and contact information for SCRUM, TSCOM, and SCOPE</a>  <a href="#">Review and maintain all working links</a>  <a href="#">Provide technical and content review of both websites</a>	<a href="#">2019</a>  <a href="#">2019</a>  <a href="#">2019</a>  <a href="#">2019</a>	<a href="#">2020</a>  <a href="#">2020</a>  <a href="#">2020</a>  <a href="#">2020</a>	<a href="#">P</a>  <a href="#">P</a>  <a href="#">P</a>  <a href="#">P</a>	<a href="#">BODC</a>  <a href="#">Chairs TSCOM, SCRUM, SCOPE</a>  <a href="#">Chair TSCOM, BODC</a>  <a href="#">Chairs TSCOM, SCRUM, SCOPE</a>			
†	<a href="#">Add instructive chapters in IHO-IOC GEBCO Cook Book related to Seabed 2030 as needed</a>	M	<a href="#">Provide technical support</a>	<a href="#">2018</a>	<a href="#">2030</a>	<a href="#">O</a>	<a href="#">Chair TSCOM</a>			

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K1	Support Seabed 2030  <del>Travel to assist gathering technical needs from RDACCs and GDACC</del>  Development of software for documenting and visualizing data	H  M	Provide scientific expertise and outreach	2018  2019  2019	2030	OP  OP  OP	Chairs TSCOM, SCRUM, Outreach, SCUFN  Chair TSCOM  Chair TSCOM			
K2	<del>Travel to assist gathering technical needs from RDACCs and GDACC</del>	H	Attend RMCs for RDACCs	2019	2020	O	Chair TSCOM		12,000	
K3	<del>Provide oversight and review of Seabed 2030 webservices, methodologies and applications in accordance with TSCOM ToRs</del>	H	Conduct regular reviews and participate in technical meetings	2019	2020	P	Chair TSCOM			
L1	<del>Prototype cloud-deployed infrastructure for integrating distributed regional data contributions</del>	H	Conduct discovery analysis  Prototype methodologies for regional compilation	2019	2020	P	Chair TSCOM	Aus Seabed	40,000 with the option for an additional 10,000	

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<a href="#">L2</a>	<a href="#">Develop template for seafloor mapping route optimization application</a>	H	<a href="#">Conduct requirements survey</a>  <a href="#">Prototype and document web app</a>	<a href="#">2019</a>	<a href="#">2020</a>	P	<a href="#">Chair TSCOM</a>		<a href="#">20,000 with the option for additional 10,000</a>	

## 1.2 TSCOM Meetings (IHO Task 3.6.1 refers)

Date	Location	Activity
1-4 October 2012	IHB, Monaco	XXVII <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	XXXI <sup>th</sup> Meeting
10-12 October 2016	Viña del Mar, Chile	XXXII <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	XXXV <sup>th</sup> Meeting

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Vice-Chair: Caitlyn Raines      Email: [craines@esri.com](mailto:craines@esri.com)  
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