



MACHC-IOCARIBE Seabed 2030 Work Plan for 2021



Goal 1: Contribute Existing Non-Public Bathymetric Data to the IHO DCDB and GEBCO Grid

Objective 1.1. Identify existing non-public bathymetric data and create/share polygons delineating the extent of data coverage for integration into the Seabed 2030 - MACHC Web App

#	Action Item	Responsible Party	Due Date
001	Assemble information (polygons) about existing non-public bathymetric data falling under its remit not yet identified on the MACHC Web App to identify gaps.	Coastal States	As soon as possible
002	Broadly communicate the steps to submit polygons showing data coverage of existing data to both the RDACC and the IHO DCDB.	Seabed2030 Coordinator	Ongoing

Objective 1.2. Share existing bathymetric data in the MACHC region for inclusion in the GEBCO Grid and long-term preservation and public accessibility via the IHO DCDB.

#	Action Item	Responsible Party	Due Date
003	Look at existing regulatory requirements, legislation, bilateral, contractual or other arrangements for surveying within national waters of jurisdiction to reassess what bathymetric data can be made publicly available and at what resolution is acceptable to the government and to the data owner.	Coastal States	May
004	Broadly communicate the steps to submit data to the IHO DCDB and the RDACC.	Seabed2030 Coordinator	Ongoing
005	Contribute multibeam, single-beam and ENC data to the IHO DCDB, wherever possible, for long-term archive and data access.	Coastal States	As soon as possible
006	Contribute national bathymetric data products to the RDACC at the appropriate resolution approved by the national authorities for integration into the GEBCO grid.	Coastal States	As soon as possible

Objective 1.3. Advise stakeholders and partners to seek access to existing and future non-public bathymetric data sets acquired and managed by scientific investigators, private industry, and public organizations.

#	Action Item	Responsible Party	Due Date
007	Identify ways to promote or to support bathymetric data sharing.	Coastal States and Seabed2030 Coordinator	Ongoing

Goal 2: Increase Data Coverage

Objective 2.1. Design, implement, and resource coordinated mapping campaigns based on identified data gaps.

#	Action Item	Responsible Party	Due Date
008	Assemble information and polygons about upcoming surveys and data acquisition opportunities in national waters of jurisdiction to integrate into the WebApp to define data gaps and plan coordinated mapping campaigns.	Coastal States and Seabed2030 Coordinator	As soon as possible
009	Identify gap areas in the MACHC region without any kind of bathymetric data (distances greater than 1,000 m) providing the polygons to the respective Coastal States.	Seabed2030 Coordinator	March

Objective 2.2. Encourage the acquisition of mapping data by academic and industry survey vessels during transits through the region to fill gaps in data coverage.

#	Action Item	Responsible Party	Due Date
010	Explore with national authorities expanded permissions for opportunistic data acquisition via research and survey vessels during transits, consistent with national policy.	Coastal States	Ongoing

Objective 2.3. Encourage the collection and contribution of crowdsourced bathymetry (CSB) data among volunteer commercial and non-commercial vessels.

#	Action Item	Responsible Party	Due Date
011	Respond to IRCC CL 1/2020 or IHO CL 21/2020 to allow for the provision of CSB data from ships within waters subject to their national jurisdiction into the public domain, according to national policy, or update it.	MACHC Members and Associate Members	As soon as possible
012	Consider carrying CSB field trials with designated “trusted nodes” (data liaisons) and data collectors (mariners) in the region to provide data to the IHO DCDB.	Interested Coastal States	As soon as possible

Goal 3: Build Capacity for mapping contributions

Objective 3.1. Expand and enhance the suite of IHO DCDB and Seabed 2030 RDACC tools available to support and assist data contributors through the packaging and provision of data at any resolution or access level.

#	Action Item	Responsible Party	Due Date
013	Identify technical and other challenges to data collection, assembly and sharing and look for solutions.	Coastal States and Seabed 2030 Coordinator	May

Objective 3.2. Simplify data submission workflows and user interfaces for data entry.

#	Action Item	Responsible Party	Due Date
014	Conduct an annual review process to resolve challenges to data collection and sharing.	Seabed2030 Coordinator	MACHC22
015	Provide technical support and data submission guidelines for data and accompanying metadata and Type Identifier (TID) information.	Seabed2030 Coordinator	As soon as possible