Report on the Sub-Committee for Regional Undersea Mapping (SCRUM)

Submitted by Chair SCRUM [USA/LDEO]

SUMMARY

Executive Summary: This report summarizes SCRUM activities since the previous
GEBCO Meetings in November 2020

Action to be taken: See paragraph x

Related documents: None

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1.   SCRUM membership was reviewed and refreshed based on the ToRs, and active/non-active members were identified. The web site list of SCRUM contacts was updated to reflect this.

2.   SCRUM web pages on the GEBCO website were reviewed and several updates were made including the integration of a SCRUM Twitter news feed. A SCRUM YouTube channel was created for posting content relevant to regional mapping activities and meetings. BODC led efforts to modernize and migrate IBC web pages from NOAA to the GEBCO web site.

3.   Materials were developed for use at regional IHO and IOC meetings covering GEBCO, the activities of its sub-committees, the training program and Seabed 2030.

4.   Coordinated participation in regional IHO and IOC meetings. GEBCO and Seabed 2030 were discussed during at least 7 RHC meetings (NHC, ARHC, BSHC, SEPRHC, MACHC, SWAtHC), and at least 9 Regional IHO Webinars were attended by GEBCO community members and/or Seabed 2030 Project Team staff to foster alignment and integration of efforts.

5.   Worked closely with members of the IHO CSBWG to identify Seabed 2030/CSB coordinators for RHCs and to coordinate participation at RHC meetings. To date, coordinators have been identified for 10 RHCs, with 2 under discussion, and 4 to be determined.

6.   In coordination with the Seabed 2030 Atlantic/Indian Regional Center, MACHC and IOCARIBE, contributed to the development of a regional strategy for mapping the Caribbean and adjacent seas. Created and posted videos of presentations given at the MACHC/IOCARIBE webinar series on the SCRUM YouTube Channel so content can be used for other stakeholder communities.

7.   Contributed to the development of the new GEBCO data contribution web form.

8. The GEBCO 2020 Grid was released in 2020 and included new regional data submissions assembled by Seabed 2030 Regional Data Assembly and Coordination Centers (RDACCs). SCRUM members contributed to the review the draft product using a web application in advance of its release.

9. Developed and released a web application for gathering input to help guide and prioritize future mapping activities and posted this on the SCRUM web site.

10. Helped to facilitate the addition of new regional bathymetry layers in the IHO DCDB viewer including UNCLOS data holdings, non-public industry data, and data from data systems including the DARWIN system operated by JAMSTEC.

11. Participated in an intersessional GGC meeting in June 2020 to discuss virtual communications and engagement strategies for the COVID-era.

12. Held an informal virtual intersessional committee meeting in September 2020 to discuss recent activities and solicit input from committee members on workplan status and actions.

13. Held a virtual subcommittee meeting in January 2021 as part of GEBCO Week. Participation in SCRUM sessions included all but one voting member, all non-voting members, and several observers. There were 82 total participants from 29 countries. Highlights of the meeting include:

    a. IBC status updates were provided for IBCAO (Jakobsson), IBCSO (Dorschel), IBCCA (Viteri) and IBCSEP (Montoro). No recent activity was been identified for other IBC efforts
    b. SCRUM Member updates were provided by: Kim Picard/Rob Beaman (Australia), Serge Levesque (Canada), Hugo Montoro (Peru), Aileen Bohan (Ireland), Thierry Schmitt (EMODnet), Miao Fan (China), Vicki Ferrini/Rachel Medley (US Activities),
    c. Discussed concerns related to differences in the computation of 'authoritative' metrics of % EEZ mapped based on national charting authorities and GEBCO data products.
    d. Reviewed and discussed the previous year workplan and actions.
    e. Reviewed planned workplan and actions. Most workplan items are ongoing activities from the previous year. New items added focus on online information and webinars intended to foster better coordination and sharing of knowledge and workflows among regional mapping groups and stakeholders around the world.

14. Based on the conversation about differences in % EEZ mapped, the leadership of TSCOM, SCRUM and the CSBWG will discuss technical issues and political concerns and will develop recommendations for consideration by the GGC and the Seabed 2030 Director. These recommendations will be reviewed by the sub-committees and working group, and will submitted to the GGC and Seabed 2030 Director for consideration.

15. Due to the ongoing pandemic, and anticipation of limited global travel, the budgetary requests for SCRUM only includes nominal funds for participation in IHO/IOC

regional meetings and nominal funds for the creation of digital materials in support of those efforts.

16. <u>Action</u>

The GGC is requested to:

   a. **Note** the contents of this report;
   b. **Take** any other action deemed appropriate.