Report on the Sub-Committee for Regional Undersea Mapping
Submitted by Chair SCRUM [USA/LDEO]

SUMMARY

Executive Summary: This report summarizes SCRUM activities since the previous
GEBCO meetings in November 2019

Action to be taken: As described in paragraph 9.

Related documents: None

1. SCRUM reviewed and developed proposed modifications to the committee's Terms of Reference in conjunction with TSCOM and SCOPE.

2. The GEBCO 2019 grid, which was released in April 2019 included new regional data submissions assembled by Seabed 2030 Regional Data Assembly and Coordination Centers. The details of submissions are described on the GEBCO website at: https://www.gebco.net/about_us/acknowledgements/our_data_contributors/

3. Developed and released an online viewing app with annotation capabilities to facilitate the review of the GEBCO 2019 grid and centralize feedback from regional stakeholders available at: http://bit.ly/ReviewGEBCO2019

4. Held a joint virtual TSCOM/SCRUM meeting/webinar in May 2019 to review and discuss SCRUM business including:

   a. proposed changes to SCRUM Terms of Reference,
   b. the existence and use of the GEBCO 2019 review app,
   c. updates from Seabed 2030 Regional Centers on recent regional mapping meetings.

5. Developed presentation material for use at regional IHO and IOC meetings which covers an overview of GEBCO and its work, the training program, an overview of Seabed 2030 which is available at: https://www.dropbox.com/s/57nfw09zl3iugo5/2019.GEBCO_SlideDeck.v2.pptx?dl=0

6. Coordinated GEBCO/Seabed 2030 attendance and presentations at several regional meetings including IHO/IOC Regional and IBC Meetings including:

   a. MACHC [Nov 2018; Ferrini , USA (virtual)]
   b. SWPHC [Feb 2019; Greenland, New Zealand]
   c. RSAHC [Feb 2019; Wyatt, IHO Secretariat]

d. EAHC [Feb. 2019; attended by US & UK, but not coordinated with SCRUM Chair];
e. IBCCA [March, 2019; Ferrini, USA (virtual)]
f. USCHC [March 2019; Raines, USA]
g. NIOHC [March 2019 ; Wyatt, IHO Secretariat]
h. SWAtlHC [April 2019; Ferrini, USA (virtual)]
i. IOCARIBE [May 2019; Reis, USA (Chair, MACHC)]
j. HCA [July 2019; Dorschell, Germany]
k. SAIHC [Sept 2019; Flier, Norway]

7. Released on the SCRUM website a web form to aggregate information about publicly accessible bathymetry data that is online to facilitate communication with Seabed 2030 Regional Data Centers and integration into the GEBCO grid. This is available on the SCRUM web page at:
https://www.gebco.net/about_us/committees_and_groups/scrum/

8. Held a joint meeting of TSCOM/SCRUM/SCOPE November 4-5, 2019 in Portsmouth, New Hampshire. Reports were given on regional mapping and engagement activities, as well as Seabed 2030 regional activities. A breakout session was held at the end of the meeting to review the 2019-2020 SCRUM workplan and budget request. The following are critical takeaways from the meeting:

a. Ms. Pauline Weatherall (United Kingdom) stepped down as Vice-Chair of SCRUM. Ms Aileen Bohan (Ireland) was elected by majority vote as the new Vice-Chair.

b. With the creation SCOPE as a formal sub-committee, the two day meeting during the GEBCO Guiding Committee week now has to include TSCOM, SCRUM, and SCOPE. The time allotted is not sufficient to properly conduct the work of the committees, receive progress reports on intersessional activities, properly discuss issues, formulate proposed work for the next intersessional period and generate a comprehensive written report to the GGC with fully considered requests for guidance or action of the GGC. In addition the GGC does not have time to assess the subordinate body reports and consider appropriate guidance or actions prior to formally addressing them at the GGC meeting.
   It is proposed that TSCOM, SCRUM and SCOPE meet over a four or five day period with a one or two days in the middle set aside for the symposium and possibly a more formal Seabed 2030 Project meeting one month prior to the annual GGC meeting. The subordinate bodies would then have one week to submit their reports and funding request to the GGC for their consideration and approval.

c. With respect to the 3 initiatives presented during the Vision to Action meeting, SCRUM agreed that it could contribute by (1) facilitating communication with stakeholders for the Crowd Sourced Bathymetry effort, and (2) gathering regional stakeholder input to establish priorities for high priority mapping areas

9. ACTION

The GGC is requested to:
- (a) Note the contents of this report;
- (b) Approve the appointment of Aileen Bohan (Ireland) as Vice-Chair of SCRUM;
- (c) Consider and approve the request articulated in paragraph 8.b;
- (d) Take action as deemed appropriate.