



## March 2018 meeting with the AHO regarding AusSeabed

### Attendance

GA: Tanya Whiteway, Kim Picard, Jonathan Kool, Michele Spinerarte, Justy Siwabessy, and Aero Leplastrier  
AHO: Ian Halls, Paul, Chris Waterson, Douglas White, Zarina Jayaswal, and Andrew

### Major Outcomes

- Meeting established a good connection and mutual understanding between GA and the AHO on the pipeline for AusSeabed and the road to open data within the marine bathymetry space.
- Agreement on the initial steps to progress the AusSeabed initiative.
- Agreement on the AusSeabed logo and website name
- The AusSeabed program was not thought (by Ian and the AHO) to be in competition with the Sea2400 initiative.
- Possible option of the aho contributing to the 2018/19 financial year.
- GA will put a stop to the prioritisation of LINZ risk assessment tool as the AHO is already committed to a concept demonstration until the end of May (?).
- End of March they will have a concept demo a pack of LINZ tools in the open space they want us to give them our requirements for the tool.

### Follow on:

- GA to develop a project proposal for developing a demonstrational test data clearing house for dissemination to the Senior Leadership teams of both agencies
- get the project proposal approved/endorsed by the Senior Leadership teams from AHO and GA
- develop the demonstration data clearing house
- test the data clearing house in terms of
  - Upload speed
  - Metadata requirements
  - Common data QA and QC and the time taken (human supervision/truthing continued)
  - Retrieval speed
  - Time from submission to publication/dissemination
- An assessment of the demonstration data clearing house in terms of the requirements for both GA (AusSeabed) and the AHO
- QA4bathy proposal to be sent to AHO
- Bathymetry prioritisation tool, what sort of data sets will help users make decisions, brush on things that came out of the first workshop. They will be doing more of the full development of this tool in the next financial year (Kim)

### Context of the data clearing house

The key concerns that the AHO had with providing their data for use within the AusSeabed community were “security and connectivity” (Doug White). Data they have prepared for defence mandates are generally confidential. The way this data could be made available would be for a “data clearing house” to be developed that is, the first point of submission for any and all bathymetric data collected via AHO and associated agencies and groups. This clearing house would treat the data according to agreed common processes before being made available to various agencies (e.g. AHO for development of chart products and GA for further QA and QC and implementation into the AusSeabed portal). To help encourage adoption this data clearing house should also be able to act as an archive like service so that contributors have the confidence that the data they supply will be available on a continuing basis (in both cleaned and raw form?). The clearing house would require ratification acknowledging open access licencing of the supplied data. This demonstrator clearing house needs to host submission and data discovery.

The AHO agreed that the best place to store/host the data/service was in the cloud (Doug White). The common QAQC that will be done on data will need to be discussed in depth with the AHO. The AAD and the National Marine facility will also need to be consulted in regards to data custodianship. A couple of things that have already been identified are coming to a consensus on tide and time datum corrections.