



AusSeabed Steering Committee

Meeting no. 2: 10th April 2019, 15:00-17:00, ONLINE

Notes prepared by Aero Leplastrier

Attendees: Vanessa Lucieer (UTAS), Ralph Talbot-Smith (WA DoT), Wendy Stewart (AHO), Nathan Quadros (FrontierSI—Vice Chair), Kim Picard (GA—Chair), Tara Martin (CSIRO MNF), Tim Ingleton (NSW OEH), Jonathan Kool (AAD), James Daniell (JCU).

Absent: Paul Kennedy (Guardian Geomatics), Hugh Parker (Fugro), Daniel Ierodionou (Deakin Uni)

Meeting Overview

Context

This was the second meeting (held online) of the AusSeabed Steering Committee (SC). Representatives from Commonwealth and State Governments, Academic and Private sectors to progress the coordination of seabed mapping efforts in Australia. The meeting was scheduled to gain insight on progress of program theme activities from the program leaders and to start planning upcoming events.

AGENDA

	Responsibility	Action	Time
PREVIOUS MEETING & ACTIONS			
Welcome and apologies	Kim		1500-1515
Call for other business	Kim		
Previous meeting action	AL	Review	
UPDATES			
General: <ul style="list-style-type: none"> Strategic Plan Newsletter Microsoft teams (space for sharing material) 	Kim Kim AL	Discuss	1515-1540
Program themes (based on work plan): <ul style="list-style-type: none"> Tools, Guidelines and Standards Data Hub Outreach, Education and Training 	Nathan Kim Ralph	Discuss	1540-1610
AMSA 2019			
Steering Committee Meeting (Time & Agenda)	Nathan	Discuss	1610-1640
Symposium Thursday, 11 July (Sponsorship & Assistance)	Ralph & Aero		
Workshop Friday, 12 July (Objectives, Agenda & Outreach)	Kim		
OTHERS			
International Engagement		Discuss	1640-1650

<ul style="list-style-type: none"> Seabed 2030 	Geoffroy Kim		
Recognition by larger organisation (e.g. Academy of Science) Others			
Meeting closure	Kim	Note	1650-1700

Meeting opened 1503

Call for other business

None

Follow on actions from last meeting

- Aero, Ralph and Georgy have been sharing the role of secretary. Decision on secretary roll to be made at AMSA – July.
- SSSI have been engaged and AusSeabed activities (going forward) will be accredited.
- Generic AusSeabed slide deck has been completed and just needs to be shared with SC (action).
- Maritime Boundaries advice. Completed and in strategic plan.
- Tax deductible participation—not possible.
- Project work plan templates —revised for delivery start of May (action).

Action items

Follow up item	Responsible party	Date for completion	Outcome/Comments
Generic AusSeabed Slide deck needs to be sent to SC	Chair/Vice Chair	Next few weeks	To be distributed through GovTEAMS
Develop templates for Project Work plans	Aero Leplastrier (GA)	Start of May	
Change entity to entity/individual in stakeholder table definitions	GA	June	
Stakeholder table adding one row Individual SME to Strat plan	GA	June	

Touch base with RTS about the Outreach, Education, and Training working group	JD and other SC members not assigned to Working groups	24 th April	
Touch base with KP about the HMS Penguin lecture series	JD	24 th April	
Put up minutes from the Tools, Standards and Guidelines working group meeting into teams	NQ	Please set date	
Collate progress from activity leaders.	NQ	Please set date	
Book the conference room at WA DoT on the 10 th of July from 1-4 pm	RTS	11/4/2019	Done 1100hrs–1400hrs WST
Draft agenda for SC meeting at AMSA	Chair/vice to lead – contributions welcome from all SC	30 May	
Put the invitation to sponsor symposium at AMSA in next newsletter	GA	29 th April	
SC members need to engage their contacts (government, other industries/other entities or associations) if interests parallel AusSeabed. SC to invite relevant contacts to the AMSA workshop get them to commit to attending the workshop	ALL SC members.	End of May	
Develop draft agenda for the AGM	Chair/vice chair	30 th May	
Review for and suggest any	ALL SC members	30 th June	

changes to the chair			
Add new items to workshop agenda (see meeting notes)	GA	30th June	
Think about getting AusSeabed recognised by national science agencies (?) etc... send through to the Chair.	All SC members	24 th April	

Meeting notes

STRATEGIC PLAN UPDATE

The strategic plan has been sent out to the wider community for comment having been reviewed and contributed to by many members of the SC.

KP: One thing that has generated some discussion is the marine landscape map. We had recommended that the NMSC build one overarching marine data community map. This never eventuated, so we developed our own. A comment from the BOM was that ocean modelling (forecasting) was not represented in the diagram.

NQ: We have discussed that Water Column is part of the AusSeabed mandate and that it is not reflected in the diagram.

VL: It would probably be better to leave moving AusSeabed up into both the water column and the seafloor space until we are actively delivering on the water column front.

Group agreement.

Kim: Any opposition to incorporating BOM into the diagram at the top covering off on some of the things?

Discussion turned to well how many organisations do we include, where do we draw the line?

No firm decision made. Discussion on the landscape map landed on the fact that the messaging that goes along with the landscape map also needs work.

KP: Another response to the strategic plan identified that there is no acknowledgement of individual recognition in the stakeholder table. Suggestion that we use the term entity/individual (action).

RTS: The definitions were very clear to me – and very useful. It would be good if we assigned individual letters so that we can easily identify what entities or individuals contribute towards AusSeabed work.

KP: Call made for any other comments to the Strat plan.

No comments made— SC happy with the document.

Newsletter update

KP: Thanked Georgy, Kam, and Aero for helping put together the first couple of newsletters. The newsletters have strengthened the ties between AusSeabed and the Hydrographic society; a call went out to the AHS and we had 70 members sign up from AHS to the AusSeabed newsletter.

Consensus was that the newsletter is a positive output.

General engagement Register

KP & RTS: A working engagement register has been set up and is being populated—it is available on the AusSeabed GovTEAMS application.

WS: It should also include future events to ensure that as a steering committee we are able to coordinate messages across different engagements

RTS: It also adds the benefit of outline already established relationships to inform AusSeabed individuals who might do a lot of travelling and can leverage off previous discussions etc.

KP: We should encourage the people/entities that we engage with to email AusSeabed and then we would forward any interested new parties to Ralph who is the custodian of the engagement register.

Overview of Teams Collaboration platform

Overview/demo given— the collaborative functionality is similar to google drive, but it allows for integrated messaging, private chats, and open forum discussion. It also allows for video conferencing.

KP: Could everyone please familiarise yourself with the teams platform and get in touch with Aero if they have any issues (action).

Update—Tools, Guidelines, and Standards

NQ: Working group met on the 8th of Feb.

Tasks from previous SC meeting were assigned to working group members.

Timeline and deliverables were discussed, and tasks were more clearly defined.

Nathan is going to audit the progress updates from the working group members and will update SC on progress at the next meeting.

KP: The work plan should be finalised and presented at AMSA alongside an update with the progress on activities, so that we can help empower the activity leaders.

NQ: A thing to consider is that some activities parallel very well with individuals' roles and other individuals might have to try to find extra time. Activities are progressing at different rates.

Update—Data Hub

KP: We held our second meeting last week. I am going to give you an overview of the five data hub components as outlined in the data hub roadmap to structure our progress report. We will distribute the draft AusSeabed Data Hub Roadmap in the coming month.

Data hub components:

- Survey Ledger
 - MVP aimed for delivery by the end of May that will incorporate some HIPP requirements. This tool will be workshopped as a group at ASMA for further future development.
- QA & Packaging
 - We recently welcomed CCOM (centre for coastal and ocean mapping) and NOAA to the data hub working group. They have done extensive work in developing open-source QC bathymetry tools (QCTOOLS).
 - Two visiting scientists from these organisations are being hosted at GA in mid-June to mid-July.
 - They will lead a workshop that will give an overview of the open source tools that they already have made (QCTOOLS) and then work on integrating them into a workflow for AusSeabed.
 - Giuseppe Masetti (CCOM) will also give a presentation at AMSA.
 - Packaging tool developed by NOAA and DCDB has been passed on to KP and VL at the Seabed2030 meeting in early March. We are going to look into repurposing this tool for AusSeabed and sharing any developments back with NOAA and IHO.
- Processing Pipeline
 - The processing pipeline will be discussed at the standards workshop in MAY
 - It will focus on Specs, standards, metadata and processing requirements that are needed to build the processing pipeline and the Collection/Archive.
- Collection/Archive

- This is on the backburner. The processing pipeline workshop will help inform the requirements for the data warehousing components (metadata, formats, etc.)
- WS: We are looking at whether there are any cost/efficiency savings that can be made by leveraging off the AODN portal.

KP: AODN are coming to the standards workshop in May and we are going to keep working with them in the future. The path forward has not been set in stone yet. AODN have issues with the delivery/provision of final products but could definitely contribute some great lessons learned to our development stage. The other point is that discussions about redirection etc. from AODN to AusSeabed and vice-versa have already been discussed.

WS: A legal framework is also being developed to underpin these data collaborations with the ICSM group.

- Analytics and Delivery Portal
 - This portal is going to be migrated to different portal that is being built by another GA group. This will improve the site, save money, and increase functionality.
 - We are also investigating point cloud delivery – GA will be sending out a point cloud 1-pager to a number of point cloud experts (JK, a spark expert, and others) to workshop delivery possibilities in early May.

Updates—Outreach, Education, and Training

RTS has briefed the WA harbour masters who are keen to be involved in AusSeabed. A good measure of success will be if they all turn up to the AMSA symposium and workshop. Otherwise, back to the drawing board.

We have also had five Hydrographic Students coming forward for work experience.

Have gone through and finalised all the AMSA symposium abstracts. We have a full day symposium, and the logistics for the workshop have been finalised.

Ralph would like to see two different generic presentations: a novice presentation for people who know nothing about seabed mapping and an informed presentation.

Ralph has also set up a map service to map the details of different engagements to build on the engagement register. Link to check out is available on GovTEAMS on the General channel of the AusSeabed Community.

A Singapore cable company might be coming to the July AMSA meeting to start being a contributor of data coverage (not actual data at this stage).

WALIS marine is fully behind AusSeabed and that extends to all the government partners of the group.

Ralph currently does not have anyone assisting with the Outreach education and training team.

NQ: I would suggest that any SC member that is not part of a program theme should be and that they should get in touch with Ralph.

JD: I can help contribute to that team Ralph, let us have a chat offline (action).

KP: We have been in discussion with the HMS Penguin for the last couple of years and they have opened up a spot in their lecture timetable to discuss backscatter. It would be great to have you (JD) or someone else contribute or take on that lecture engagement.

SC meeting at the next AMSA

KP: Not everyone can make it to AMSA so I would like to propose that the SC meeting happen on the Wednesday afternoon the 10th of July and be held as a half-day meeting (1-4 pm so that it is accessible to those who couldn't make it from the eastern side of the country).

RTS: I can book a conference room at WA DoT (action).

KP: Thanks, RTS. That would be great.

KP: Skipping discussing agenda in the interests of time—we will draft it in the coming months on GOV teams (action).

AMSA workshop agenda

KP outlined objectives:

- Grow community
- Engage with industry
- Grow theme working group to deliver work plan (discussion needs to be had on funding - NQ)
- Progress update on activities
- Trial new tools (run as activities)

KP: We need to have an engagement strategy going forward from now and there needs to be buy in from the rest of the Steering committee.

NQ: The TOR will need to be discussed etc.

KP: That will be done during the AGM

NQ: It might be good for Wendy to present a HIPP update.

WS: No problem.

TM: Two things jumping out at me – it would be a good idea to report to the community on the data standards since you will have held the workshop by AMSA. Another thing would be to circulate the data hub road map, get feedback, and discuss.

KP: Yep, noted!

NQ: Can we get a presentation from LINZ/Seabed 2030 or our NZ cousins in general?

KP: Great idea!

Other issues

KP: How do we get AusSeabed recognised in the national science space?

TM: This is a question that would be best tasked to the SC as an action to think on and report back (action).

KP: Sounds good. Thanks everyone for your contributions so far and for joining in to the meeting today. Get in contact if you need to about anything!

Meeting closed 1706