

Project “Crowdsourced bathymetry on the Great Barrier Reef” – summary and action update

(1) Project page revised in Dec 2019 to provide a simpler message about the project:

<https://www.deeppreef.org/projects/246-crowdsourcedbathy.html>

(2) New volunteer vessel NQ Hire Boats added to the GBR CSB fleet in March 2020:

<https://www.deeppreef.org/biography/robs-blog/266-nqhire-csb.html>

(3) Another volunteer vessel MV Kalinda added to the GBR CSB fleet in December 2019. Has a TeamSurv SmartLog data logger installed but requires benchmark calibration and check of bathy data to complete installation.

(4) Out of the nine volunteer vessels in the GBR CSB fleet, COVID-19 crisis has put only two vessels out of action. So most are still running albeit slightly less active than before the crisis.

(5) I am still receiving CSB data from most vessels, but have had to postpone processing of data files because of my involvement in the Schmidt Ocean institute’s RV Falkor expedition:

<https://schmidtoccean.org/cruise/visioning-the-coral-sea-marine-park/>

(6) Have tested the upload of NCEI-compliant xyz (non-tided) bathy data through FileZilla to a NCEI ftp site. Awaiting confirmation that the xyz file is acceptable and can be ingested into the DCDB.

(7) This is another step towards James Cook University becoming a ‘Trusted Node’, and the resulting full upload of cleaned xyz files to the DCDB.

(8) Currently in discussions with the AusSeabed group around development of Australian-sourced CSB data upload to the AusSeabed Marine Data Portal:

<https://portal.ga.gov.au/persona/marine>

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