

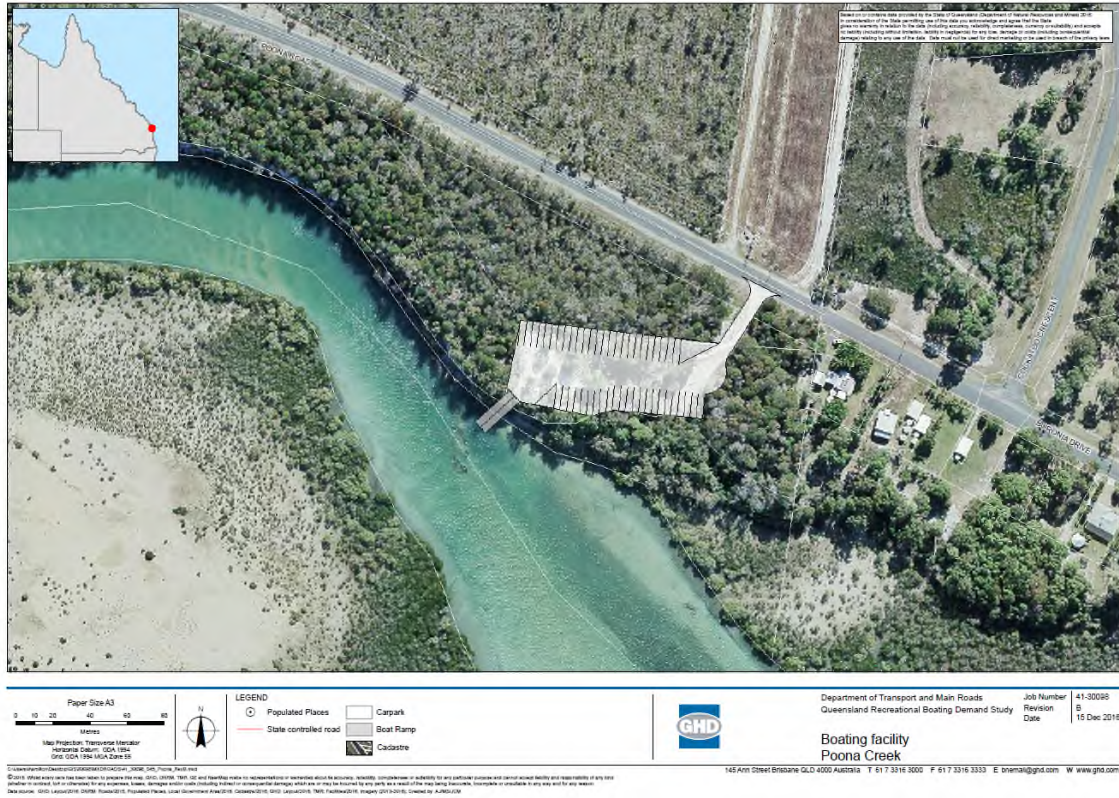
Appendix A – extract from demand study

Table 19 – Priority 1 – Poona Creek

Site name	Poona Creek
Existing formal facility?	No
Location	Poona Creek, Poona, approximately 1.3km west of the existing facility, on the power line access road
Current tidal status	Part-tide, depth-limited open-water access
Site characteristics	<p>The site is currently an informal launch/retrieval area located approximately 2km upstream in Poona Creek. The site is located adjacent to a power line route and there is a cleared, unformed parking area and access road.</p> <p>The site is towards the southern end of the Great Sandy Strait, with access to open-water through the channel between Fraser Island and Inskip Point, dependent on weather conditions.</p> <p>The location, whilst still only providing part-tide access to open water, offers a greater tidal access range than is currently provided at the existing Poona facility. The existing Poona facility is exposed to wind and wave action from the north, east and south, and is not positioned in the Poona Creek channel, highly limiting the usability of the ramp.</p>
Proposed works	<p>Construction of a 2-lane ramp and formalisation of the parking area to create approximately 45 CTU spaces.</p> <p>Conduct a feasibility study to determine if it is possible to install a floating walkway.</p>
Increase in effective lanes provided by works	Between 1 and 1.5 effective lanes
Rationale	<p>The existing Poona ramp is highly tidally constrained, with limited access to both open-water and estuarine environments. The existing facility is exposed to wind and wave action from the north, east and south and is also limited by parking, minimising the opportunity for expansion.</p> <p>Construction of a new facility in Poona Creek would provide a larger tidal window for launching and retrieval, and access to estuarine and open-water environments.</p> <p>The potential site has an existing service road and cleared area that will assist in reducing costs of vegetation clearing.</p>
Environmental and planning constraints	<p>Native title claim NNTT QC2009/005 Butchulla Land & Sea Claim #2. DATSIP Cultural Heritage Database search recommended.</p> <p>Within Nationally important wetland – Great Sandy Strait – GBR/wetland/threatened flora and fauna– if the works are likely to impact on MNES, a referral under the EPBC Act must be made to DEE.</p> <p>Category B remnant vegetation mapped over site, being least concern RE 12.1.2. Exemptions apply for clearing native vegetation on land generally that is clearing for the construction or maintenance of community infrastructure mentioned in Shd 21, Part 1, Section 14 (b) of P Reg that is government supported transport infrastructure.</p> <p>Marine plants may be present within the site. Removal of marine plants will require an Operational Works permit for the removal, destruction or damage of marine plants under P Act (Shd 10 Part 17 Item 28 of P Reg). May be accepted development if works can comply with the requirements under Shd 7 Item 8 of the P Reg.</p> <p>Operational Works for tidal works or works within a coastal management district is triggered under P Act for the works in the tidal area. Works are considered accepted development</p>

Site name	Poona Creek	
	<p>under the P Reg Shd 7 Part 3, Item 10 (b) for tidal works that is undertaken by TMR. Accepted development works are to comply with the requirements for the work prescribed under the Coastal Act, Section 167(5)(b).</p> <p>Environmental Relevant Activity 16 extracting and screening activities for dredging more than 1000 tonnes of material in a year may be triggered depending on works (P Reg Shd 10, Part 5, Div 2, Item 1).</p> <p>Within a high risk flora trigger area. Within a flora trigger area and flora appears to be established 'in the wild'. Site survey required per EHP Flora Survey Guidelines- Protected Plants and report submitted to EHP prior to construction. If clearing is to be undertaken within the road reserve and if it is undertaken by TMR, an NC Act clearing permit will not be required. If clearing is to occur outside of the road reserve, an NC Act clearing permit will be required. TMR's 'Species Management Program for Tampering with Animal Breeding Places' and 'Protected plant exemption' agreement may apply depending on works.</p> <p>The proposed works are located within the Great Sandy Strait Marine Park. Marine Park Permits may be required for any works that occur within the Marine Park.</p> <p>The proposed works are located within the rural zone under the Fraser Coast Planning Scheme: An MCU is exempt for a 'utility installation' in the rural zone.</p> <p>The operational works are exempt from assessment against the local planning scheme as the works would be undertaken by or on behalf of a public sector entity (TMR) (Shd 8 Part 3, Section 8 of P Reg).</p> <p>Reserve/Unallocated state land tenure.</p>	
Consultation feedback	<p>Fraser Coast Regional Council requires additional information to assess whether the presented priority recommendations represent the most beneficial options to meet demand within the LGA. In particular, feasibility assessments may be required for some of the recommended priorities to better inform Council's views.</p>	
Indicative cost (excl. GST) (to ±50%) (excludes feasibility study)	Water-based infrastructure	\$390,000
	Land-based infrastructure	\$1,370,000

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Appendix B – Concept Designs 1A and 2A