

this sucker is a great near-shore test rig

IGS Technical Note

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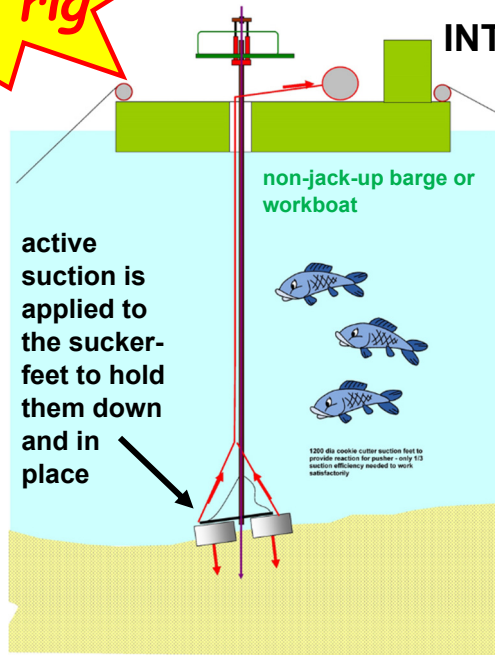
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high quality in situ testing
 high quality sampling



INTRODUCING THE LIMPET RIG

This clever sucker has been in the IGS pipeline for some years, waiting for the "right time" to emerge.

Design was finalised and the rig built in record time to service a critical over-water project in Sydney Harbour, with our clients GHD and Transport for NSW. Testing and sampling was required in conditions too soft for a jack-up barge to stand.

CPTs, Dissipations, Medusa DMTs and Vane Shear Tests were made, and PPI Samples were taken, through 18m of water.



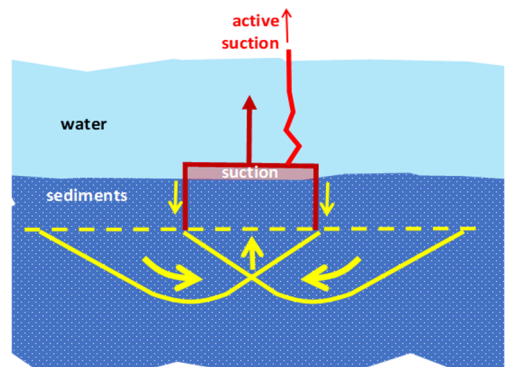
the push reaction force depends on bed conditions and applied suction (plus deadweight)

well-established suction caisson principles apply

IGS thanks the teams from: GHD, TfNSW, WSP, SMEC, Arup, ABH, Geomil, Marchetti DMT, Alltype Engineering and Justrite Consulting who all made this critical work a success.



the pusher stays vertically stable as the barge or workboat moves with tides and waves



reducing geotechnical uncertainty