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Andrew Hunt

ABCS Partner

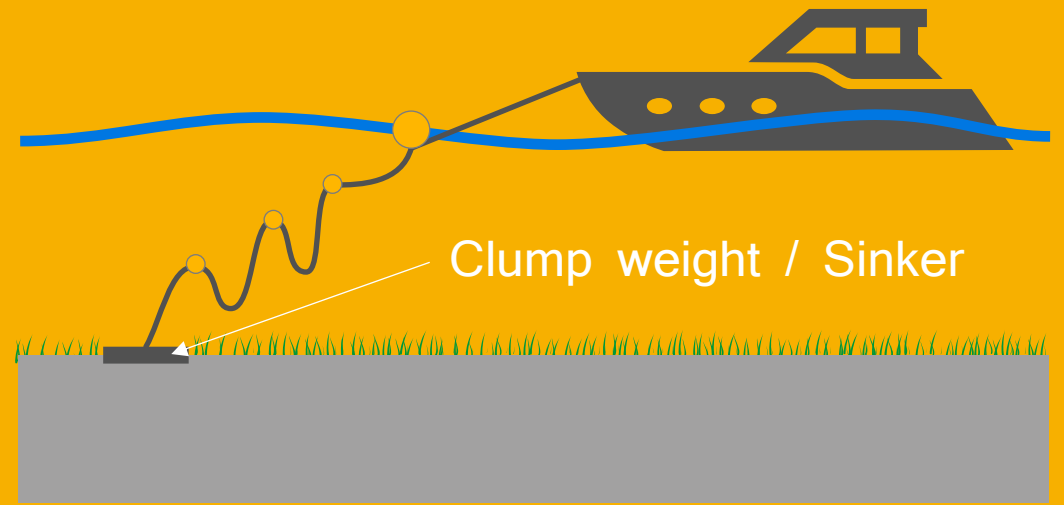
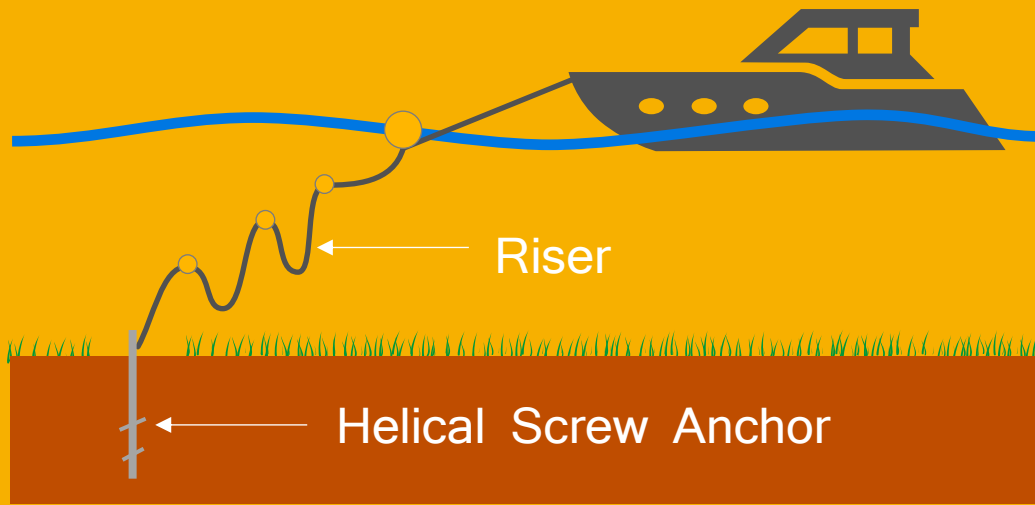
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Helical Screw Anchor versus the Clump Weight / Sinkers

Solent Forum 11th March 2026

01 The “Anchor” part of an AMS



02 Some rough metrics

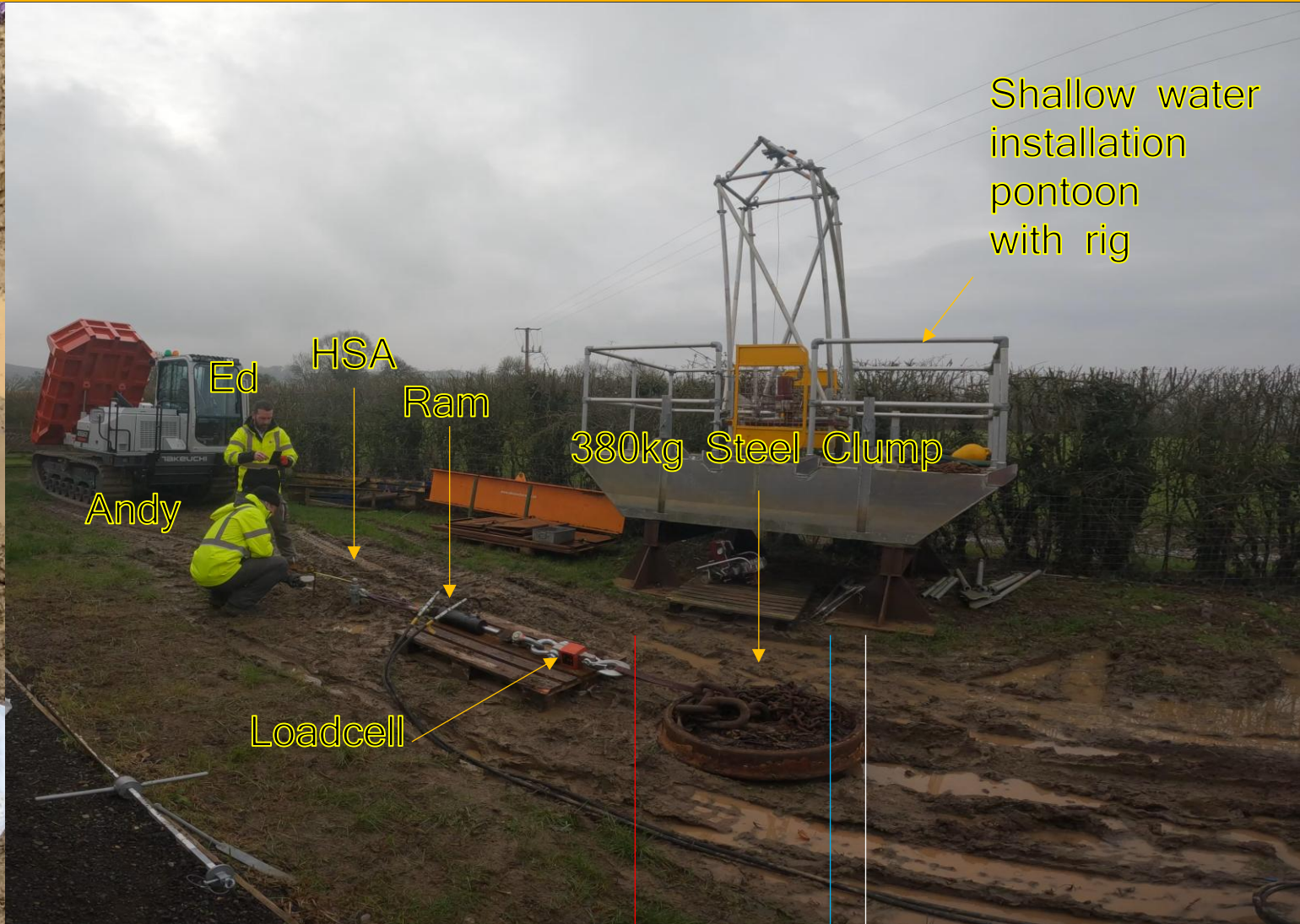
	Standard HSA	Typical steel clump weight	<i>Equivalent concrete clump weight</i>
Size	2m long x 60mm diameter	1m diameter	0.258m ³ 0.6x0.6x0.6m
Weight air	29kg	380kg	<i>644kg</i>
Weight in seawater	25kg	330kg	380kg
Ultimate vert capacity (unfactored) kg - max	15,291 kg	330kg	380kg
Est. carbon footprint kgCO ₂ per anchor	45	585	1846
Weight of 40 anchors in air (kg) / Transport	1.2 tonnes (4x4 & trailer)	15.2 tonnes (HGV)	25.7 tonnes (HGV)



03 HSA wins the tug 'o' war 🏆



What Andy and Ed are watching.



Shallow water installation pontoon with rig

Ed

HSA

Ram

380kg Steel Clump

Andy

Loadcell

Questions?



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