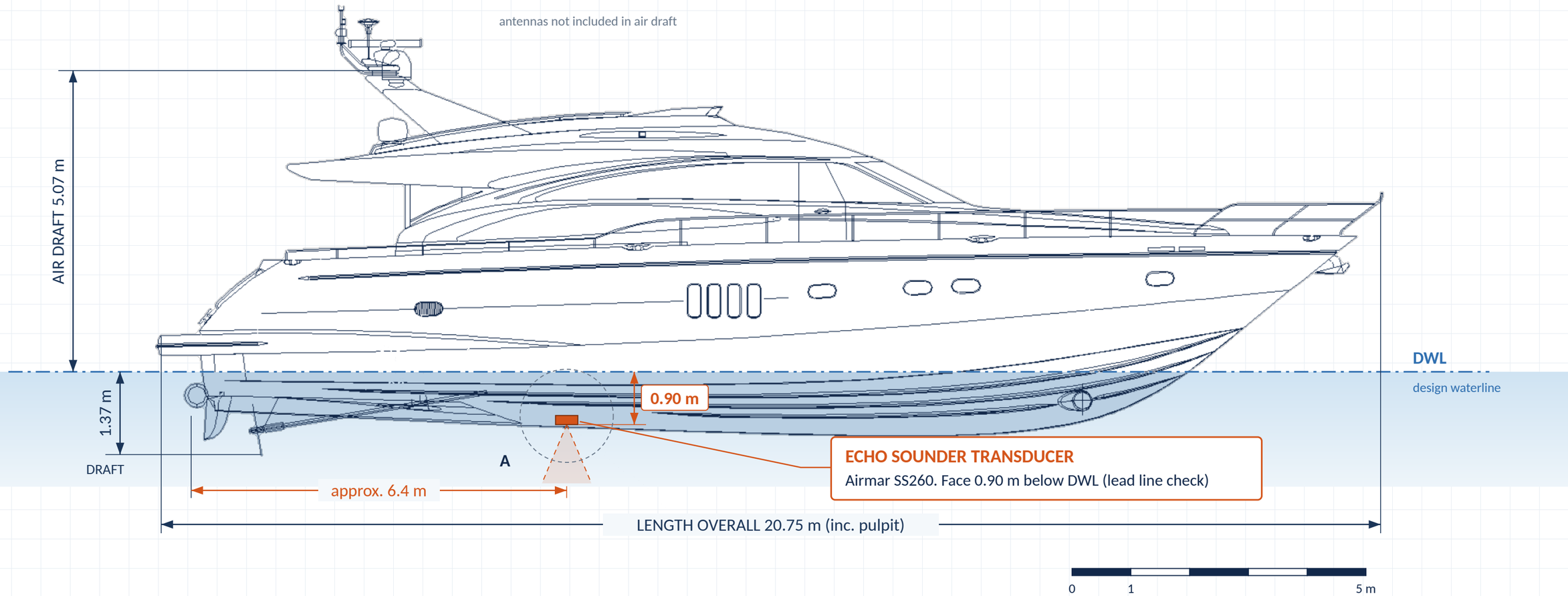
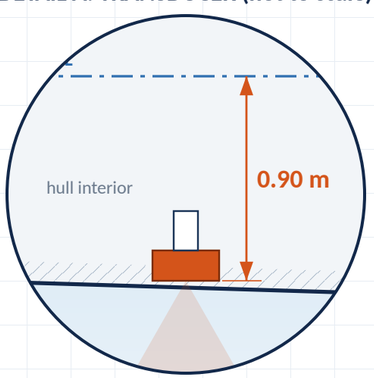
SURVEY VESSEL PARTICULARS

Pittwater hydrographic survey: sounding platform and echo sounder transducer position



DETAIL A: TRANSDUCER (not to scale)



PRINCIPAL PARTICULARS

Vessel	Princess 67 flybridge motor yacht
Length overall	20.75 m inc. pulpit, 20.45 m exc. pulpit
Beam	5.23 m
Draft	1.37 m
Air draft	5.07 m to top of radar arch
Displacement	approx. 37 tonnes (twin MAN 1100 hp)
Echo sounder	Airmar SS260 (stainless steel) 1 kW thru-hull with fairing
Display	Raymarine Axiom navigation system
Transducer depth	0.90 m below design waterline (checked 16 Nov 2026)
Transducer station	approx. 6.4 m fwd of transom, 0.6 m to starboard of centreline

NOTES

1. Transducer depth checked by lead line in the berth on 16 Nov 2026: lead line 12.85 m, Axiom and depth instrument 11.9 m.
2. Result 0.90 to 1.00 m (sounder display resolution 0.1 m). 0.90 m adopted (shallow-biased). Single check in 12 m of water.
3. Transducer is approx. 0.6 m to starboard of the centreline. Deepest point of the vessel is the propeller tips at 1.37 m.
4. Vessel profile reproduced to scale from the builder's owner's manual drawing (Princess Yachts).

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Drawn for: Pittwater hydrographic survey	16 Nov 2026 Rev C