**Supplementary 3.** Perceived received levels of vessel noise by focal whales.Broadband source levels (SL) of vessel noise treatments produced during controlled exposure experiments, and the perceived received levels (RL, mean ± SD) during calibrations in 14 m water depth. The SL of the research vessel was 140±2dB re 1μPa @1m. Broadband ambient noise was 103 dB re 1 μPa (18 August 2018).

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| **Treatment** | **Palyback SL dB re 1 μPa @ 1 m** | **Vessel status** | **RL dB re 1μPa** |
| Control | 124 | Transiting 800 rpm @ 22m | 109 |
| Low | 148 | Stationary @ 88m | 111-112 (111 ± 0) |
| Medium | 160 | Stationary @ 88m | 121-123 (122 ± 1) |
| High | 172 | Stationary @ 88m | 132-134 (133 ± 1) |