

Table S1. Latency of AEP waves generated from the underwater speaker based upon frequency

| Frequency (Hz) | Mean latency | s.d. |
|----------------|--------------|------|
| 50 | 21.08 | 1.81 |
| 80 | 13.14 | 0.54 |
| 100 | 11.58 | 0.64 |
| 150 | 12.82 | 0.96 |
| 200 | 9.95 | 0.24 |
| 300 | 8.44 | 0.22 |

Latency was measured using six squid with clear AEP records at the highest respective stimulus levels. The time from stimulus onset to the minima of the first negative wave was noted as the onset latency. Standard deviations are also noted. Shorter onset latencies were generally associated with higher frequencies.