## Sound localization practical class

See the appropriate page on Canvas for the class itself. This document is for you to record your graph and answers, and to submit for assessment.

**ILD graph: Copy your graph from the online class (right-click on the graph and choose “Download as…” or equivalent) and insert it here:**

**ILD graph:**

**Q1: On the psychometric functions you obtained, which ILD values are associated with 50% right responses? Which ILD value would you expect to be associated with 50% right?**

**A1:**

**Q2: Using a performance threshold of 75%, what is your ILD threshold for each of the two frequencies tested?**

**A2:**

**Q3: Would you consider your sensitivity to ILDs essentially similar, or substantively different, for the two frequencies you tested?**

**A3:**

**Q4: What are your MAAs for each of the two frequencies tested?**

**A4:**

**Q5: Does a smaller MAA mean better or worse spatial hearing?**

**A5:**

**Q6: Is your MAA better at lower or higher frequencies?**

**A6:**

**ITD graph: Copy your graph from the online class (right-click on the graph and choose “Download as…” or equivalent) and insert it here:**

**ITD graph:**

**Q7: What is your ITD threshold for each of the frequencies tested?**

**A7:**

**Q8: Would you consider your ITD thresholds for the two frequencies similar, or substantially different?**

**A8:**

**Q9: Use the graph to work out what MAAs the ITD thresholds you have obtained would correspond to. How do these MAAs compare to those you obtained for ILDs?**

**A9:**

**Q10: Do the results you have obtained in this practical agree with the duplex theory? If not, how do they differ?**

**A10:**