

**Team:** P16315                    **Engineer:** John Dong – Mechanical

**Entering Phase:** Integrated System Build & Test

**What do I plan on doing to ensure that Team P16315 has a successful Phase (7) review?**

1.
  - i) Finish waterproofing case ~ 3-4 hours
  - ii) Finish assembling case ~ 1 hour
  - iii) Start waterproofing test ~ 2-3 hours
  - iv) Acquire materials for waterproofing and testing ~ 0.5 hours
  - v) Research fatigue analysis methods ~ 2 hours

**You will answer these questions when you submit at the end of Phase (7).**

**1. What did I actually do?**

I finished initial waterproofing and assembly of the case. I started case waterproofing testing. I acquired some initial data towards the waterproofing of the case.

**2. What did I learn?**

I learned various methods and tricks to applying silicone and other waterproofing solutions.

**3. What do I plan on doing to ensure that Team P16315 has a successful Phase (8) review?**

I will finish testing on the case, and make any necessary revisions to the model and assembly to ensure satisfactory protection. I will test the case's mounting scheme on the shaft during rotation.